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# Metropolitan Housing Characteristics

**MADISON, WIS.**

STANDARD METROPOLITAN STATISTICAL AREA

1980



**Census of  
Housing**

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# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**MADISON, WIS.**

HC80-2-232

Issued November 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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**BUREAU OF THE CENSUS**  
**C. L. Kincannon, Acting Director**

**HOUSING DIVISION**  
**Arthur F. Young, Chief**

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3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas	81	Bakersfield, Calif.	117	Charlottesville, Va.
6	California	46	Utah	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	83	Bangor, Maine	119	Chicago, Ill.
8	Connecticut	48	Virginia	84	Baton Rouge, La.		
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned				
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
26	Mississippi	65	Altoona, Pa.	101	Bridgeport, Conn.		
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28	Montana	66	Amarillo, Tex.	103	Brockton, Mass.	137	Decatur, Ill.
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30	Nevada	68	Anchorage, Alaska	105	Bryan-College Station, Tex.	139	Des Moines, Iowa
31	New Hampshire	69	Anderson, Ind.			140	Detroit, Mich.
32	New Jersey	70	Anderson, S.C.	106	Buffalo, N.Y.	141	Dubuque, Iowa
33	New Mexico			107	Burlington, N.C.	142	Duluth-Superior, Minn.
34	New York	71	Ann Arbor, Mich.	108	Burlington, Vt.		
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36	North Dakota	73	Appleton-Oshkosh, Wis.	110	Canton, Ohio	144	El Paso, Tex.
37	Ohio	74	Arecibo, P.R.	111	Casper, Wyo.	145	Elkhart, Ind.
38	Oklahoma	75	Asheville, N.C.	112	Cedar Rapids, Iowa		
39	Oregon			113	Champaign-Urbana-Rantoul, Ill.	146	Elmira, N.Y.
40	Pennsylvania	76	Athens, Ga.			147	Enid, Okla.

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.— Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
166	Gadsden, Ala.	206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
				249	Muncie, Ind.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak.- Minn.	211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
172	Grand Rapids, Mich.	212	Laredo, Tex.			288	Ponce, P.R.
173	Great Falls, Mont.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
174	Greeley, Colo.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
				254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	217	Lawton, Okla.			293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
180	Harrisburg, Pa.	220	Lima, Ohio				
		221	Lincoln, Nebr.	258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.	298	Reading, Pa.
183	Honolulu, Hawaii			261	Newark, N.J.	299	Redding, Calif.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio	300	Reno, Nev.
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.		
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.					375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.		
318	San Angelo, Tex.	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
319	San Antonio, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
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## Introduction

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### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

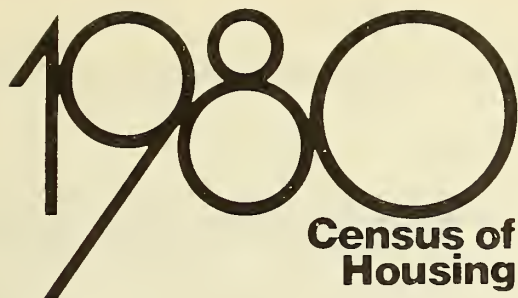
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

## MADISON, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-232

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
<b>Index of Tables</b> —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
<b>List of Tables</b> —shows the table numbers and titles for each of the 68 tables . . . . .	X
<b>Table Finding Guide</b> —shows the tables in which the various subject cross-classifications presented in the report appear . . . . .	XII
<b>Map</b> —Standard Metropolitan Statistical Areas, Counties, and Selected Places . . . . .	XIV

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
		Total	White	Black			
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total . . . . .	A	1 to 12	—	—	—	—	—
Madison . . . . .	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

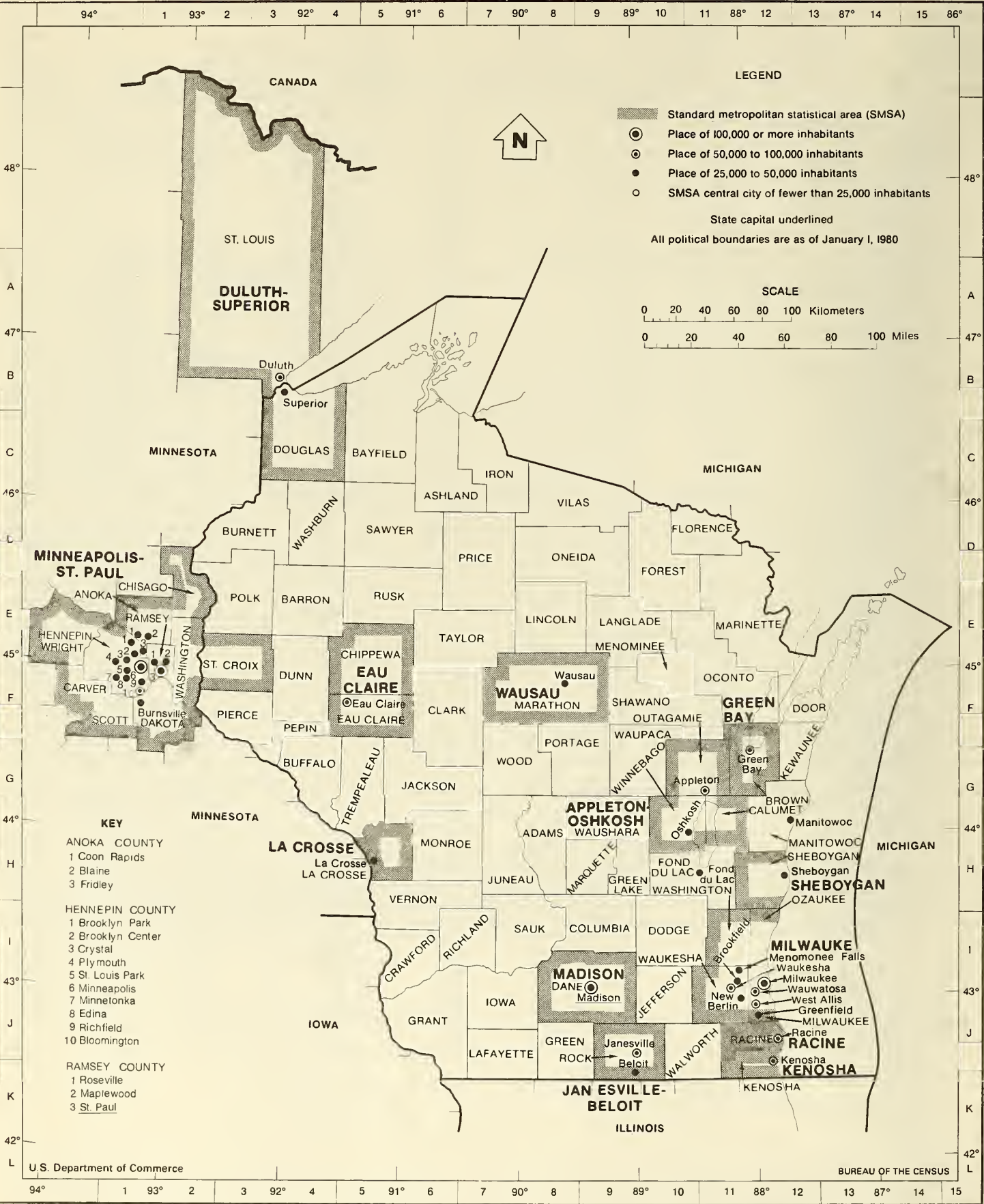
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked . . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked . . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



SMSA boundaries are as defined on June 19, 1981

#### CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

#### NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	55 904	72	364	1 715	4 909	9 280	12 167	17 464	5 855	3 316	762	59 500	63 900
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families -----	44 463	20	196	828	3 046	6 670	9 819	14 953	5 242	3 004	685	61 700	66 600
15 to 24 years -----	716	—	2	19	96	178	214	186	19	2	—	52 800	53 400
25 to 34 years -----	11 786	2	18	88	698	1 748	3 288	4 449	1 018	444	33	60 200	62 900
35 to 44 years -----	10 983	2	21	64	374	1 188	2 017	4 112	1 842	1 108	255	67 600	73 700
45 to 64 years -----	15 884	2	90	373	1 120	2 420	3 422	4 872	2 032	1 209	344	61 700	67 800
65 years and over -----	5 094	14	65	284	758	1 136	878	1 334	331	241	53	52 600	57 800
Male householder, no wife present -----	3 843	21	77	262	663	848	724	897	190	119	42	50 600	54 300
15 to 24 years -----	236	13	5	16	54	42	43	51	10	2	—	44 500	48 400
25 to 34 years -----	1 461	—	5	40	207	393	363	344	83	17	9	52 100	54 800
35 to 44 years -----	659	2	11	37	81	107	110	213	45	49	4	57 600	60 600
45 to 64 years -----	859	6	18	62	173	169	122	204	39	49	17	50 100	55 900
65 years and over -----	628	—	38	107	148	137	86	85	13	2	12	41 300	46 600
Female householder, no husband present -----	7 598	31	91	625	1 200	1 762	1 624	1 614	423	193	35	50 500	53 300
15 to 24 years -----	68	—	—	12	9	14	2	25	6	—	—	49 600	51 400
25 to 34 years -----	995	5	5	37	130	217	319	216	41	23	2	52 900	54 300
35 to 44 years -----	1 157	—	3	23	110	260	314	318	79	47	3	55 400	59 400
45 to 64 years -----	2 440	16	34	148	387	510	502	565	197	64	17	51 800	55 300
65 years and over -----	2 938	10	49	405	564	761	487	490	100	59	13	46 100	49 000
Median age -----	44.9	57.5	61.9	62.6	55.0	48.5	42.2	41.8	43.8	44.7	47.9	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 -----	6 394	—	11	90	356	812	1 475	2 310	815	430	95	63 000	68 100
1975 to 1978 -----	16 910	33	45	227	1 051	2 315	3 686	6 150	2 002	1 169	232	62 600	67 200
1970 to 1974 -----	10 021	8	66	222	695	1 528	2 259	3 019	1 274	779	171	61 400	67 100
1960 to 1969 -----	12 428	5	102	378	1 162	2 210	2 668	3 841	1 233	637	192	58 700	63 100
1959 or earlier -----	10 151	26	140	798	1 645	2 415	2 079	2 144	531	301	72	50 200	53 800
<b>ROOMS</b>													
1 to 3 rooms -----	375	32	37	93	99	22	48	24	18	2	—	32 200	35 900
4 rooms -----	3 145	15	75	568	917	895	402	221	26	26	—	40 000	41 300
5 rooms -----	12 878	14	127	483	1 775	3 905	4 142	2 135	217	78	2	50 300	50 600
6 rooms -----	14 900	8	73	315	1 393	2 689	4 139	5 248	734	270	31	56 900	58 000
7 rooms -----	11 489	1	39	139	425	1 205	2 172	5 185	1 661	575	87	66 100	68 300
8 or more rooms -----	13 117	2	13	117	300	564	1 264	4 651	3 199	2 365	642	78 500	86 200
Median -----	6.3	3.8	5.1	4.9	5.3	5.5	5.9	6.7	7.7	8.3	8.5+	...	...
<b>BEDROOMS</b>													
None -----	14	2	4	—	6	—	2	—	—	—	—	35 800	29 100
1 -----	922	22	65	239	213	123	134	81	27	18	—	34 500	40 200
2 -----	8 392	36	154	775	1 960	2 386	1 586	1 134	229	107	25	45 200	47 700
3 -----	32 708	9	104	506	2 197	5 530	8 541	11 717	2 749	1 181	174	59 400	62 100
4 -----	11 829	3	29	168	467	1 105	1 762	4 001	2 411	1 557	326	71 500	77 000
5 or more -----	2 039	—	8	27	66	136	142	531	439	453	237	84 200	96 200
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 -----	9 193	10	7	8	31	251	1 717	4 210	1 828	922	209	71 200	77 800
1970 to 1974 -----	5 746	11	19	63	103	506	1 143	2 280	932	551	138	68 300	74 000
1960 to 1969 -----	12 348	17	13	50	367	1 733	3 099	4 615	1 490	802	162	62 800	68 100
1950 to 1959 -----	11 562	1	42	191	1 147	2 952	3 128	3 032	624	366	79	53 900	57 900
1940 to 1949 -----	5 110	8	65	280	918	1 293	1 054	1 063	264	137	28	49 900	53 600
1939 or earlier -----	11 945	25	218	1 123	2 343	2 545	2 026	2 264	717	538	146	48 800	54 400
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 -----	1 840	26	75	310	461	352	286	209	79	34	8	41 200	45 300
\$5,000 to \$9,999 -----	3 608	20	76	395	734	964	658	610	95	51	5	46 300	47 800
\$10,000 to \$14,999 -----	2 194	9	41	133	370	611	463	445	98	23	1	48 600	50 800
\$15,000 to \$19,999 -----	2 787	8	41	183	445	762	588	586	124	46	4	49 400	51 800
\$20,000 to \$24,999 -----	7 117	5	50	285	909	1 723	1 960	1 706	324	145	10	52 600	54 900
\$25,000 to \$29,999 -----	9 581	4	36	193	867	1 794	2 761	3 007	665	210	44	56 800	59 100
\$30,000 to \$34,999 -----	15 850	—	34	140	831	2 258	3 742	6 349	1 733	691	72	62 200	64 700
\$35,000 to \$49,999 -----	8 726	—	1	54	215	716	1 376	3 508	1 767	964	125	71 100	75 300
\$50,000 or more -----	4 201	—	10	22	77	100	333	1 044	970	1 152	493	90 600	100 700
Median -----	\$25 428	\$7 083	\$11 890	\$12 766	\$17 183	\$20 520	\$23 872	\$27 895	\$33 790	\$41 320	\$61 972	...	...
Mean -----	\$27 929	\$8 649	\$14 406	\$14 710	\$18 341	\$21 031	\$24 801	\$29 350	\$36 142	\$47 840	\$79 345	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage -----	39 408	14	112	597	2 614	5 755	8 935	13 415	4 704	2 675	587	61 900	66 900
Less than 15 percent -----	9 588	2	25	135	604	1 357	2 058	3 019	1 298	838	252	63 200	69 900
15 to 19 percent -----	8 986	1	34	131	640	1 372	1 972	3 104	1 073	559	100	61 800	66 000
20 to 24 percent -----	7 622	—	24	122	433	960	1 701	2 965	890	448	79	63 000	66 500
25 to 29 percent -----	5 462	4	4	50	357	861	1 309	1 893	572	334	78	61 300	66 300
30 to 34 percent -----	3 008	5	8	56	199	511	730	931	344	203	21	59 900	65 000
35 percent or more -----	4 674	2	17	101	381	677	1 159	1 486	507	289	55	60 000	64 900
Not computed -----	68	—	—	2	—	17	6	17	20	4	2	68 000	72 400
Median -----	20.7	30.0	19.6	21.3	20.7	20.7	21.3	21.0	19.9	19.4	17.0	...	...
Not mortgaged -----	16 496	58	252	1 118	2 295	3 525	3 232	4 049	1 151	641	175	52 600	56 900
Less than 10 percent -----	6 729	4	56	252	728	1 172	1 480	1 997	604	339	97	57 400	62 000
10 to 14 percent -----	3 711	18	52	230	444	875	699	862	289	193	49	52 800	58 600
15 to 19 percent -----	2 101	21	32	174	324	537	353	498	104	49	9	49 400	52 900
20 to 24 percent -----	1 088	—	28	115	202	198	256	235	47	—	7	50 000	50 100
25 to 29 percent -----	837	10	22	60	157	236	87	185	49	27	4	47 300	52 300
30 to 34 percent -----	628	3	25	80	125	165	100	99	20	9	2	45 700	46 800
35 percent or more -----	1 365	2	37	201	310	337	242	169	36	24	7	43 400	46 600
Not computed -----	37	—	—	6	5	5	15	4	2	—	—	50 800	48 800
Median -----	12.0	16.7	17.8	17.1	14.7	13.4	10.9	10.1	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use -----	55 801	70	344	1 685	4 902	9 267	12 152	17 454	5 855	3 310	762	59 500	64 000
1.01 or more persons per room -----	566	2	9	30	77	130	147	151	18	2	—	51 600	52 000
Lacking complete plumbing for exclusive use -----	103	2	20	30	7	13	15	10	—	6	—	27 300	38 000
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment -----	55 902	72	364	1 715	4 909	9 280	12 165	17 464	5 855	3 316	762	59 500	63 900
Central heating system -----	54 336	53	285	1 566	4 638	8 955	11 909	17 132	5 752	3 284	762	59 800	64 300
Air conditioning -----	28 186	31	127	584	2 102	4 287	5 509	9 105	3 457	2 376	608	62 500	68 400
Central system -----	14 517	9	23	98	391	1 243	2 163	5 470	2 636	1 964	520	71 800	79 000
Income in 1979 below poverty level -----	1 236	12	41	111	223	273	206	229	97	36	8	47 900	52 500
Percent below poverty level -----	2.2	16.7	11.3	6.5	4.5	2.9	1.7	1.3	1.7	1.1	1.0	...	...

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units</b> .....	<b>51 783</b>	<b>1 677</b>	<b>3 155</b>	<b>7 322</b>	<b>14 271</b>	<b>11 148</b>	<b>5 706</b>	<b>3 139</b>	<b>3 121</b>	<b>1 215</b>	<b>1 029</b>	<b>246</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>12 478</b>	<b>119</b>	<b>623</b>	<b>1 274</b>	<b>2 804</b>	<b>2 808</b>	<b>1 966</b>	<b>999</b>	<b>1 007</b>	<b>383</b>	<b>495</b>	<b>269</b>
15 to 24 years.....	2 612	21	169	247	975	651	367	73	79	7	23	245
25 to 34 years.....	5 624	50	351	674	1 104	1 286	928	482	485	144	120	271
35 to 44 years.....	1 356	12	40	141	238	252	224	142	156	81	70	294
45 to 64 years.....	1 590	6	19	97	265	311	254	192	194	66	186	301
65 years and over.....	1 296	30	44	115	222	308	193	110	93	85	96	275
<b>Male householder, no wife present</b> .....	<b>16 197</b>	<b>384</b>	<b>1 072</b>	<b>2 665</b>	<b>4 832</b>	<b>3 185</b>	<b>1 529</b>	<b>940</b>	<b>946</b>	<b>423</b>	<b>221</b>	<b>239</b>
15 to 24 years.....	6 364	72	353	1 033	1 848	1 211	691	400	443	259	54	246
25 to 34 years.....	6 389	110	388	1 064	2 028	1 386	594	345	325	114	35	239
35 to 44 years.....	1 401	35	71	247	450	211	127	120	93	13	34	233
45 to 64 years.....	1 396	78	134	226	385	331	76	36	36	19	75	226
65 years and over.....	647	89	126	95	121	46	41	39	49	18	23	201
<b>Female householder, no husband present</b> .....	<b>23 108</b>	<b>1 174</b>	<b>1 460</b>	<b>3 383</b>	<b>6 635</b>	<b>5 155</b>	<b>2 211</b>	<b>1 200</b>	<b>1 168</b>	<b>409</b>	<b>313</b>	<b>240</b>
15 to 24 years.....	7 531	144	432	1 050	2 279	1 652	770	493	473	228	10	247
25 to 34 years.....	7 339	156	402	1 146	2 410	1 881	690	354	227	45	28	240
35 to 44 years.....	1 790	36	79	240	417	241	126	150	150	43	9	261
45 to 64 years.....	2 260	100	158	245	758	477	245	111	69	11	86	238
65 years and over.....	4 188	738	389	702	771	696	265	116	249	82	180	212
<b>Median age</b> .....	<b>28.7</b>	<b>65.7</b>	<b>28.9</b>	<b>28.5</b>	<b>27.7</b>	<b>28.4</b>	<b>28.7</b>	<b>29.3</b>	<b>30.2</b>	<b>28.4</b>	<b>52.5</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	29 080	712	1 669	3 680	7 856	6 538	3 366	2 044	2 116	900	199	253
1975 to 1978.....	16 421	629	956	2 585	4 805	3 449	1 837	830	818	278	234	241
1970 to 1974.....	3 402	172	286	596	956	624	301	182	79	24	182	231
1960 to 1969.....	2 009	108	184	285	497	480	164	48	64	7	172	233
1959 or earlier.....	871	56	60	176	157	57	38	35	44	6	242	208
<b>ROOMS</b>												
1 room.....	3 693	228	938	1 451	934	74	11	15	16	—	26	173
2 rooms.....	4 536	203	584	1 233	1 591	658	114	43	44	29	37	207
3 rooms.....	12 271	791	824	2 380	5 089	2 018	480	231	332	50	76	219
4 rooms.....	15 570	279	362	1 448	4 440	5 412	2 284	749	335	67	194	259
5 rooms.....	9 375	123	304	558	1 769	2 276	1 936	1 071	916	151	271	289
6 rooms.....	3 907	38	82	146	321	519	598	703	960	382	158	362
7 or more rooms.....	2 431	15	61	106	127	191	283	327	518	536	267	396
<b>Median</b> .....	<b>3.8</b>	<b>3.0</b>	<b>2.6</b>	<b>2.9</b>	<b>3.4</b>	<b>4.0</b>	<b>4.5</b>	<b>5.0</b>	<b>5.4</b>	<b>6.3</b>	<b>5.2</b>	<b>...</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979</b> .....	<b>51 783</b>	<b>1 677</b>	<b>3 155</b>	<b>7 322</b>	<b>14 271</b>	<b>11 148</b>	<b>5 706</b>	<b>3 139</b>	<b>3 121</b>	<b>1 215</b>	<b>1 029</b>	<b>246</b>
Complete plumbing for exclusive use.....	50 088	1 508	2 554	6 937	14 071	10 943	5 629	3 131	3 102	1 215	998	248
0.50 or less.....	32 582	1 184	1 178	4 143	9 917	7 887	3 471	1 899	1 675	514	714	240
0.51 to 1.00.....	16 524	278	1 306	2 530	3 986	2 885	2 064	1 158	1 346	695	276	258
1.01 to 1.50.....	576	17	31	126	84	129	51	55	69	6	8	259
1.51 or more.....	406	29	39	138	84	42	43	19	12	—	—	199
Lacking complete plumbing for exclusive use.....	1 695	169	601	385	200	205	77	8	19	—	31	153
0.50 or less.....	605	32	127	135	107	147	31	—	7	—	19	200
0.51 to 1.00.....	1 042	131	466	242	86	39	46	8	12	—	12	144
1.01 to 1.50.....	27	—	8	—	—	—	—	—	—	—	—	270
1.51 or more.....	21	6	—	8	7	19	—	—	—	—	—	156
<b>Income in 1979 below poverty level</b> .....	<b>10 527</b>	<b>615</b>	<b>1 029</b>	<b>1 874</b>	<b>2 506</b>	<b>1 742</b>	<b>964</b>	<b>635</b>	<b>671</b>	<b>351</b>	<b>140</b>	<b>232</b>
Complete plumbing for exclusive use.....	9 858	550	755	1 726	2 432	1 687	942	635	660	351	120	237
1.01 or more persons per room.....	419	33	40	115	76	58	38	33	22	2	2	209
Lacking complete plumbing for exclusive use.....	669	65	274	148	74	55	22	—	11	—	20	148
1.01 or more persons per room.....	7	—	—	—	7	—	—	—	—	—	—	213
<b>BEDROOMS</b>												
None.....	4 280	243	990	1 766	1 101	84	39	15	16	—	26	178
1.....	17 645	982	1 406	3 307	7 673	3 085	463	210	304	65	150	218
2.....	21 122	359	497	1 868	5 017	6 950	3 711	1 423	795	179	323	267
3.....	7 163	78	229	298	424	944	1 380	1 395	1 672	409	334	352
4.....	1 224	15	27	74	49	61	86	84	310	362	156	445
5 or more.....	349	—	6	9	7	24	27	12	24	200	40	500+
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	6 425	91	208	390	685	842	945	869	1 093	611	691	334
2.....	7 401	69	267	1 075	1 479	1 290	1 250	769	850	234	118	277
3 and 4.....	6 797	93	433	1 095	2 181	1 451	649	417	308	131	39	240
5 to 9.....	9 406	357	604	1 413	2 977	2 431	957	356	191	52	68	240
10 to 49.....	15 370	388	1 128	2 380	5 450	3 848	1 348	464	222	65	77	234
50 or more.....	5 996	658	497	873	1 393	1 200	538	256	452	122	7	237
Mobile home or trailer, etc.....	388	21	18	96	106	86	19	8	5	—	29	221
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	6 689	630	332	383	1 047	1 488	913	571	969	329	27	280
1970 to 1974.....	9 471	182	233	792	2 982	2 728	1 359	594	420	111	70	259
1960 to 1969.....	14 783	407	743	1 858	5 015	3 508	1 536	782	567	79	288	242
1950 to 1959.....	6 314	40	505	1 203	1 845	1 279	567	337	226	108	204	236
1940 to 1949.....	4 161	124	251	803	1 165	665	410	238	313	101	91	235
1939 or earlier.....	10 365	294	1 091	2 283	2 217	1 480	921	617	626	487	349	228
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	46 556	1 342	2 619	6 265	12 878	10 374	5 409	2 910	2 668	1 062	1 029	249
4 or more.....	5 227	335	536	1 057	1 393	774	297	229	453	153	—	228
With elevator.....	3 637	317	383	582	905	586	201	190	366	107	—	234
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	7 126	460	726	1 043	2 098	1 537	662	311	217	72	...	232
15 to 19 percent.....	8 759	278	402	1 186	2 587	2 167	1 134	556	357	92	...	249
20 to 24 percent.....	8 034	446	392	992	2 306	1 869	957	479	435	158	...	247
25 to 29 percent.....	5 627	238	353	731	1 711	1 108	682	328	345	131	...	244
30 to 34 percent.....	4 003	48	216	668	978	955	419	285	290	144	...	254
35 to 49 percent.....	6 393	97	411	814	1 695	1 348	775	508	522	223	...	255
50 percent or more.....	10 260	88	555	1 753	2 758	2 075	1 041	663	932	395	...	250
Not computed.....	1 581	22	100	135	138	89	36	9	23	—	1 029	206
<b>Median</b> .....	<b>26.1</b>	<b>21.0</b>	<b>25.1</b>	<b>27.5</b>	<b>25.2</b>	<b>24.9</b>	<b>25.6</b>	<b>28.3</b>	<b>33.4</b>	<b>35.5</b>	<b>...</b>	<b>...</b>
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>51 768</b>	<b>1 668</b>	<b>3 155</b>	<b>7 322</b>	<b>14 271</b>	<b>11 148</b>	<b>5 700</b>	<b>3 139</b>	<b>3 121</b>	<b>1 215</b>	<b>1 029</b>	<b>246</b>
Central heating system.....	50 605	1 612	3 027	7 081	14 009	10 909	5 635	3 083	3 069	1 202	978	247
<b>Air conditioning</b> .....	<b>31 153</b>	<b>578</b>	<b>1 089</b>	<b>3 166</b>	<b>9 918</b>	<b>8 266</b>	<b>3 627</b>	<b>1 737</b>	<b>1 688</b>	<b>540</b>	<b>544</b>	<b>253</b>
Central system.....	5 776	73	236	310	850	1 017	1 083	800	918	320	169	315

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	67 152	2 490	4 875	2 952	3 577	9 003	11 243	17 829	10 105	5 078	24 730	27 487	1 800
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	51 740	583	2 151	1 467	2 214	6 323	9 270	15 875	9 251	4 606	26 986	30 286	728
15 to 24 years	884	7	20	52	57	241	268	203	23	13	21 016	21 803	7
25 to 34 years	13 184	134	278	281	492	2 318	3 223	4 592	1 460	406	24 785	26 245	202
35 to 44 years	12 380	79	168	171	312	979	2 208	4 480	2 778	1 205	29 461	32 915	158
45 to 64 years	19 005	157	503	321	605	1 816	2 831	5 738	4 472	2 562	30 297	34 536	214
65 years and over	6 287	206	1 182	642	748	969	740	862	518	420	16 771	21 925	147
Male householder, no wife present	5 469	391	636	342	344	1 048	975	975	484	274	19 841	22 357	282
15 to 24 years	376	27	70	46	42	56	59	44	13	19	15 234	19 586	48
25 to 34 years	1 936	75	100	84	109	500	433	395	190	50	20 940	22 641	98
35 to 44 years	929	37	33	55	62	146	230	198	96	72	21 945	27 023	27
45 to 64 years	1 301	67	105	84	60	232	219	274	155	105	22 002	25 879	55
65 years and over	927	185	328	73	71	114	34	64	30	28	9 076	13 272	54
Female householder, no husband present	9 943	1 516	2 088	1 143	1 019	1 632	998	979	370	198	13 051	15 742	790
15 to 24 years	144	10	18	15	17	37	16	31	—	—	16 071	16 958	15
25 to 34 years	1 413	108	227	192	207	296	154	141	75	13	14 668	16 748	145
35 to 44 years	1 478	93	125	193	211	346	215	163	81	51	16 573	19 503	105
45 to 64 years	3 114	317	449	364	339	604	393	432	136	80	15 667	17 888	179
65 years and over	3 794	988	1 269	379	245	349	220	212	78	54	8 242	12 095	346
Median age	45.7	67.3	67.6	58.0	53.3	41.2	39.6	41.7	46.1	49.2	...	...	50.2
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	7 885	135	356	321	445	1 347	1 584	2 200	1 054	443	24 100	26 337	184
1975 to 1978	19 941	407	695	712	885	2 896	3 943	6 107	2 984	1 312	25 571	28 108	478
1970 to 1974	11 963	378	647	447	593	1 483	2 078	3 368	1 817	1 152	25 864	29 008	346
1960 to 1969	14 359	430	1 015	603	699	1 688	2 122	3 888	2 573	1 381	26 616	29 916	236
1959 or earlier	13 004	1 140	2 162	869	955	1 629	1 516	2 266	1 677	790	19 160	23 149	556
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	66 849	2 384	4 805	2 914	3 572	8 972	11 228	17 801	10 103	5 070	24 784	27 559	1 727
1.01 or more persons per room	748	4	21	41	33	106	134	215	154	40	26 326	30 762	30
Locking complete plumbing for exclusive use	303	106	70	38	5	31	15	28	2	8	7 275	11 446	73
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	67 141	2 488	4 875	2 952	3 577	9 003	11 241	17 829	10 098	5 078	24 729	27 487	1 798
Central heating system	64 848	2 208	4 601	2 775	3 435	8 621	10 948	17 353	9 882	5 025	24 919	27 748	1 586
Air conditioning	33 425	886	2 190	1 236	1 704	4 134	5 025	8 888	5 791	3 571	26 522	30 153	691
Central system	17 238	309	712	488	641	1 651	2 340	4 699	3 720	2 678	30 018	34 834	270
Vehicles available	64 615	1 587	4 004	2 668	3 469	8 839	11 157	17 733	10 095	5 063	25 269	28 212	1 421
1 or more	20 418	1 058	2 816	1 632	1 957	3 982	3 417	3 405	1 464	687	18 289	20 646	700
2 or more	44 197	529	1 188	1 036	1 512	4 857	7 740	14 328	8 631	4 376	28 137	31 707	721
House heating fuel	67 141	2 488	4 875	2 952	3 577	9 003	11 241	17 829	10 098	5 078	24 729	27 487	1 798
Utility gas	44 606	1 283	2 896	1 814	2 281	5 598	7 564	12 473	6 979	3 718	25 581	28 520	961
Bottled, tank, or LP gas	4 577	236	387	239	222	644	759	1 235	617	238	23 666	25 506	204
Electricity	1 123	42	77	41	56	128	214	269	191	105	25 102	29 322	37
Fuel oil, kerosene, etc.	15 787	869	1 448	801	946	2 444	2 583	3 568	2 155	973	22 414	25 204	529
Other	1 048	58	67	57	72	189	121	284	156	44	23 611	24 584	67
Median rooms	6.2	5.3	5.4	5.6	5.5	5.8	6.0	6.4	7.0	7.8	...	...	5.7
Specified owner-occupied housing units	55 904	1 840	3 608	2 194	2 787	7 117	9 581	15 850	8 726	4 201	25 428	27 929	1 236
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	39 408	622	1 020	1 105	1 537	5 113	7 520	12 736	6 656	3 099	26 780	29 560	725
Less than \$200	465	50	11	46	56	66	105	76	50	5	20 143	20 733	18
\$200 to \$249	1 402	48	134	135	99	275	301	264	122	24	20 197	21 125	27
\$250 to \$299	3 435	30	137	187	254	567	711	1 015	429	105	23 384	25 090	40
\$300 to \$349	4 743	113	137	149	246	818	963	1 544	649	124	24 636	25 705	107
\$350 to \$399	5 412	72	151	162	268	866	1 131	1 740	776	246	24 986	27 128	116
\$400 to \$499	9 960	162	212	220	297	1 435	2 149	3 380	1 508	597	25 870	28 214	194
\$500 to \$599	6 593	53	95	107	161	674	1 316	2 457	1 205	525	27 596	30 531	64
\$600 to \$749	4 803	68	90	83	122	293	627	1 675	1 199	646	29 607	35 046	118
\$750 or more	2 595	26	53	16	34	119	217	585	718	827	33 903	46 285	41
Median	\$439	\$399	\$380	\$361	\$371	\$398	\$424	\$446	\$487	\$585	...	...	\$422
Not mortgaged	16 496	1 218	2 588	1 089	1 250	2 004	2 061	3 114	2 070	1 102	20 209	24 032	511
Less than \$50	4	2	—	—	—	2	—	—	—	—	10 000	10 268	2
\$50 to \$74	93	28	35	8	2	3	13	4	—	—	6 779	10 851	16
\$75 to \$99	346	101	89	16	25	50	17	25	8	15	8 882	13 150	49
\$100 to \$124	1 135	269	331	114	78	100	95	89	46	13	9 384	12 700	105
\$125 to \$149	2 343	261	562	257	230	297	268	324	113	31	13 495	16 301	81
\$150 to \$199	6 412	420	1 071	424	532	875	902	1 414	628	146	19 308	20 855	178
\$200 to \$249	3 752	105	388	160	276	446	510	814	737	316	24 897	27 503	64
\$250 or more	2 411	32	112	110	107	234	266	435	534	581	32 310	42 019	16
Median	\$184	\$145	\$163	\$168	\$177	\$182	\$186	\$189	\$216	\$250+	...	...	\$151
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	39 408	622	1 020	1 105	1 537	5 113	7 520	12 736	6 656	3 099	26 780	29 560	725
Less than 15 percent	9 588	—	1	7	22	103	628	3 076	3 322	2 429	37 972	44 363	10
15 to 19 percent	8 986	—	2	37	67	632	1 781	4 170	1 843	454	29 100	30 939	5
20 to 24 percent	7 622	—	—	63	231	1 101	2 046	3 056	987	138	25 858	26 890	—
25 to 29 percent	5 462	—	56	157	291	1 277	1 603	1 638	385	55	22 820	23 819	4
30 to 34 percent	3 008	11	59	184	309	925	884	519	101	16	20 078	20 718	6
35 percent or more	4 674	543	902	657	617	1 075	578	277	18	7	13 452	13 790	632
Not computed	68	68	—	—	—	—	—	—	—	—	2500—	—	68
Median	20.7	50+	50+	38.5	32.5	27.8	23.3	18.9	15.0	11.5	...	...	50+
Not mortgaged	16 496	1 218	2 588	1 089	1 250	2 004	2 061	3 114	2 070	1 102	20 209	24 032	511
Less than 10 percent	6 729	—	9	14	52	288	909	2 456	1 924	1 077	33 174	39 078	—
10 to 14 percent	3 711	—	99	240	459	1 164	987	595	142	25	19 534	20 509	—
15 to 19 percent	2 101	14	459	445	503	472	143	63	2	—	13 159	13 712	9
20 to 24 percent	1 088	18	601	220	184	47	18	—	—	—	9 547	10 138	12
25 to 29 percent	837	84	573	111	39	26	4	—	—	—	7 855	8 316	38
30 to 34 percent	628	155	414	37	13	7	—	—	2	—	6 456	7 018	10
35 percent or more	1 365	910	433	22	—	—	—	—	—	—	4 226	4 508	405
Not computed	37	37	—	—	—	—	—	—	—	—	2500—	—	37
Median	12.0	46.3	26.1	18.3	16.1	13.1	10.6	10—	10—	10—	...	...	50+

Table A —4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	53 449	9 742	12 786	6 822	5 388	8 226	5 118	3 807	1 158	402	11 538	13 270	10 723
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	13 516	777	1 936	1 476	1 571	3 060	2 290	1 731	502	173	16 537	17 803	1 052
15 to 24 years	2 724	198	526	375	436	650	412	101	22	2	14 001	14 305	232
25 to 34 years	6 051	383	756	577	721	1 471	1 119	863	120	41	16 964	17 383	557
35 to 44 years	1 565	91	170	156	132	311	288	275	104	38	18 734	20 414	158
45 to 64 years	1 796	33	139	125	134	375	353	400	168	69	21 173	23 181	53
65 years and over	1 380	72	345	243	146	253	118	92	88	23	13 014	16 586	52
Male householder, no wife present	16 551	3 383	3 934	1 990	1 467	2 375	1 643	1 195	421	143	11 204	13 156	3 955
15 to 24 years	6 450	1 751	1 834	857	495	717	419	244	110	23	8 881	10 721	2 501
25 to 34 years	6 542	967	1 443	767	698	1 168	787	502	180	30	12 837	14 079	1 003
35 to 44 years	1 453	177	193	145	127	262	241	224	58	26	16 214	17 326	176
45 to 64 years	1 437	283	201	168	106	186	182	198	66	47	14 068	16 901	222
65 years and over	669	205	263	53	41	42	14	27	7	17	7 217	10 504	53
Female householder, no husband present	23 382	5 582	6 916	3 356	2 350	2 791	1 185	881	235	86	9 362	10 730	5 716
15 to 24 years	7 599	2 349	2 411	936	603	760	256	212	48	24	7 799	9 301	3 355
25 to 34 years	7 422	1 075	2 006	1 358	933	1 092	508	330	115	5	11 160	12 095	1 232
35 to 44 years	1 814	192	440	324	277	351	107	103	17	3	12 122	12 820	295
45 to 64 years	2 310	321	612	363	297	356	171	152	28	10	11 529	12 890	248
65 years and over	4 237	1 645	1 447	375	240	232	143	84	27	44	6 324	8 830	586
Median age	28.8	26.7	27.9	28.5	28.8	29.1	30.0	32.4	34.5	46.6	...	...	24.3
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	29 635	6 361	7 707	3 678	2 861	4 133	2 495	1 728	559	113	10 509	12 149	7 843
1975 to 1978	16 947	2 303	3 500	2 320	1 826	3 087	1 852	1 471	398	190	12 980	14 664	2 177
1970 to 1974	3 640	490	901	445	363	601	415	312	70	43	12 410	14 382	334
1960 to 1969	2 137	389	442	182	260	273	265	218	70	38	13 034	15 094	199
1959 or earlier	1 090	199	236	197	78	132	91	78	61	18	11 396	14 779	170
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	51 704	8 974	12 328	6 660	5 296	8 072	5 041	3 779	1 157	397	11 708	13 450	10 036
0.50 or less	33 684	5 700	7 949	4 581	3 562	5 220	3 313	2 428	672	259	11 743	13 437	4 709
0.51 to 1.00	16 989	3 100	4 091	1 979	1 626	2 716	1 628	1 282	446	121	11 647	13 454	4 896
1.01 to 1.50	620	62	148	94	75	122	37	31	34	17	12 700	15 237	236
1.51 or more	411	112	140	6	33	14	63	38	5	—	7 721	11 633	195
Locking complete plumbing for exclusive use	1 745	768	458	162	92	154	77	28	1	5	5 880	7 926	687
0.50 or less	644	204	181	86	35	81	45	7	—	5	7 287	9 919	170
0.51 to 1.00	1 046	557	261	68	51	60	27	21	1	—	4 659	6 439	508
1.01 to 1.50	29	—	10	—	6	13	—	—	—	—	14 375	14 150	2
1.51 or more	26	7	6	8	—	—	5	—	—	—	10 000	11 433	7
SELECTED CHARACTERISTICS													
Heating equipment	53 434	9 737	12 786	6 822	5 388	8 220	5 114	3 807	1 158	402	11 537	13 270	10 719
Central heating system	52 021	9 428	12 424	6 676	5 301	7 992	5 001	3 695	1 114	390	11 557	13 282	10 318
Air conditioning	31 474	5 217	7 030	4 169	3 367	5 059	3 160	2 463	708	301	12 093	13 872	5 290
Central system	5 888	737	1 065	627	629	889	833	699	298	111	14 547	16 899	794
Vehicles available	41 756	4 602	8 998	5 622	4 859	7 626	4 884	3 678	1 134	353	13 352	14 954	6 156
1	27 879	4 040	7 456	4 384	3 439	4 462	2 303	1 325	344	126	11 393	12 598	4 652
2 or more	13 877	562	1 542	1 238	1 420	3 164	2 581	2 353	790	227	18 327	19 688	1 504
House heating fuel	53 434	9 737	12 786	6 822	5 388	8 220	5 114	3 807	1 158	402	11 537	13 270	10 719
Utility gas	34 543	5 993	8 200	4 391	3 563	5 365	3 461	2 510	782	278	11 753	13 500	6 809
Bottled, tank, or LP gas	1 793	248	377	198	229	291	233	141	63	13	13 302	14 740	312
Electricity	9 010	2 072	2 327	1 230	855	1 204	623	524	119	56	10 215	11 795	2 023
Fuel oil, kerosene, etc.	7 449	1 305	1 703	937	688	1 258	744	584	180	50	11 912	13 669	1 425
Other	639	119	179	66	53	102	53	48	14	5	10 814	12 853	150
Median rooms	3.9	3.0	3.6	3.8	4.1	4.2	4.5	4.7	5.1	4.7	...	...	3.6
Specified renter-occupied housing units	51 783	9 593	12 589	6 651	5 230	7 875	4 914	3 524	1 063	344	11 394	13 070	10 527
CONTRACT RENT													
Less than \$100	2 397	1 191	747	162	125	85	44	30	13	—	5 035	6 766	819
\$100 to \$149	4 915	1 660	1 632	589	321	345	226	100	40	2	7 062	8 682	1 441
\$150 to \$199	10 533	2 691	3 035	1 536	995	1 284	547	354	70	21	9 203	10 330	2 163
\$200 to \$249	15 647	2 103	3 751	2 454	1 830	2 950	1 409	895	195	60	12 006	13 069	2 526
\$250 to \$299	9 392	1 092	1 798	1 061	1 059	1 752	1 385	966	216	63	14 259	15 390	1 542
\$300 to \$349	4 085	356	644	318	444	726	766	542	244	45	16 762	17 924	739
\$350 to \$399	1 895	146	308	210	171	334	246	277	135	68	16 488	19 195	459
\$400 to \$499	1 369	157	364	176	108	159	128	195	61	21	12 322	16 237	475
\$500 or more	521	26	82	34	62	115	59	70	33	40	16 788	22 975	223
No cash rent	1 029	171	228	111	115	125	104	95	56	24	12 598	15 821	140
Median	\$225	\$187	\$210	\$220	\$229	\$237	\$256	\$266	\$292	\$316	...	...	\$215
GROSS RENT													
Less than \$100	1 677	1 010	475	70	48	54	10	7	3	—	4 480	5 577	615
\$100 to \$149	3 155	1 242	1 095	288	154	177	130	54	15	—	6 151	7 698	1 029
\$150 to \$199	7 322	2 244	2 473	1 047	562	605	219	159	13	—	7 829	8 717	1 874
\$200 to \$249	14 271	2 436	3 657	2 400	1 706	2 333	1 005	580	129	25	11 086	11 850	2 506
\$250 to \$299	11 148	1 368	2 444	1 383	1 275	2 236	1 325	828	201	88	13 243	14 394	1 742
\$300 to \$349	5 706	575	938	648	606	1 109	965	658	151	56	15 394	16 277	964
\$350 to \$399	3 139	250	519	317	345	475	526	488	201	18	16 223	17 924	635
\$400 to \$499	3 121	269	575	275	330	517	481	405	197	72	16 017	18 071	671
\$500 or more	1 215	28	185	112	89	244	149	250	97	61	18 873	22 997	351
No cash rent	1 029	171	228	111	115	125	104	95	56	24	12 598	15 821	140
Median	\$246	\$204	\$228	\$239	\$253	\$263	\$289	\$307	\$347	\$342	...	...	\$232
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	7 126	46	229	259	322	1 193	1 713	2 175	870	319	24 310	26 412	204
15 to 19 percent	8 759	119	479	753	1 095	3 276	2 000	911	125	1	17 755	18 183	232
20 to 24 percent	8 034	352	1 085	1 614	1 954	1 958	802	257	12	—	13 736	14 112	366
25 to 29 percent	5 627	287	1 602	1 869	881	711	212	65	—	—	11 237	11 626	349
30 to 34 percent	4 003	181	2 019	969	379	365	69	21	—	—	9 621	10 181	320
35 to 49 percent	6 393	858	4 007	853	424	237	14	—	—	—	7 558	8 116	1 250
50 percent or more	10 260	7 027	2 940	223	60	10	—	—	—	—	3 857	4 071	7 114
Not computed	1 581	723	228	111	115	125	104	95	56	24	6 318	10 192	692
Median	26.1	50+	37.5	26.7	22.9	19.1	16.7	13.6	11.0	10—	...	...	50+

**Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units -----</b>	<b>39 408</b>	<b>465</b>	<b>1 402</b>	<b>3 435</b>	<b>4 743</b>	<b>5 412</b>	<b>9 960</b>	<b>6 593</b>	<b>4 803</b>	<b>2 595</b>	<b>439</b>
<b>PERSONS IN UNIT</b>											
1 person -----	2 363	93	174	251	423	322	506	319	204	71	387
2 persons -----	9 641	147	434	888	1 106	1 138	2 354	1 772	1 274	528	442
3 persons -----	8 554	82	376	768	1 054	1 171	2 183	1 499	1 927	494	434
4 persons -----	11 247	87	270	882	1 275	1 725	3 009	1 848	1 300	851	442
5 persons -----	5 104	36	109	465	570	711	1 302	796	686	429	449
6 persons -----	1 757	20	36	138	213	250	426	202	321	151	451
7 persons -----	561	—	3	15	78	75	142	125	69	54	471
8 or more persons -----	181	—	—	28	24	20	38	32	22	17	427
Median -----	3.40	2.45	2.75	3.25	3.30	3.54	3.47	3.30	3.50	3.74	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families -----</b>	<b>33 219</b>	<b>305</b>	<b>1 053</b>	<b>2 701</b>	<b>3 816</b>	<b>4 535</b>	<b>8 567</b>	<b>5 763</b>	<b>4 155</b>	<b>2 324</b>	<b>445</b>
15 to 24 years -----	712	—	20	4	34	82	213	214	118	27	501
25 to 34 years -----	11 565	76	168	457	831	1 573	3 526	2 570	1 737	627	474
35 to 44 years -----	10 299	60	249	829	1 160	1 417	2 592	1 631	1 377	984	454
45 to 64 years -----	9 990	153	542	1 296	1 664	1 411	2 073	1 290	885	676	397
65 years and over -----	653	16	74	115	127	52	163	58	38	10	348
<b>Male householder, no wife present -----</b>	<b>2 726</b>	<b>67</b>	<b>100</b>	<b>246</b>	<b>379</b>	<b>318</b>	<b>633</b>	<b>448</b>	<b>358</b>	<b>177</b>	<b>436</b>
15 to 24 years -----	211	—	—	10	9	33	85	37	26	11	445
25 to 34 years -----	1 381	—	40	112	177	171	347	274	189	71	455
35 to 44 years -----	592	28	16	30	77	71	124	79	97	70	449
45 to 64 years -----	484	31	37	76	98	43	77	56	41	25	350
65 years and over -----	58	8	7	18	18	—	—	2	5	—	289
<b>Female householder, no husband present -----</b>	<b>3 463</b>	<b>93</b>	<b>249</b>	<b>488</b>	<b>548</b>	<b>559</b>	<b>760</b>	<b>382</b>	<b>290</b>	<b>94</b>	<b>382</b>
15 to 24 years -----	49	—	7	8	5	—	8	2	8	11	428
25 to 34 years -----	952	10	56	79	102	175	271	106	130	23	419
35 to 44 years -----	1 075	15	40	134	205	130	232	178	102	39	405
45 to 64 years -----	1 194	59	118	227	191	223	232	87	43	20	350
65 years and over -----	193	9	28	40	45	31	23	9	7	1	322
Median age -----	38.5	48.8	48.2	45.5	43.4	38.5	36.5	35.4	36.0	39.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	6 070	37	118	75	191	389	1 197	1 500	1 635	928	569
1975 to 1978 -----	15 718	106	228	498	1 259	1 978	5 003	3 399	2 081	1 166	475
1970 to 1974 -----	8 323	79	249	914	1 294	1 703	2 132	1 032	592	328	398
1960 to 1969 -----	7 699	142	568	1 701	1 694	1 164	1 320	527	439	144	342
1959 or earlier -----	1 598	101	239	247	305	178	308	135	56	29	335
<b>ROOMS</b>											
1 to 3 rooms -----	145	22	21	15	25	28	27	7	—	—	329
4 rooms -----	1 365	62	164	206	249	195	296	120	45	28	350
5 rooms -----	8 309	147	519	1 326	1 351	1 220	2 106	1 088	465	87	383
6 rooms -----	10 064	132	391	1 024	1 339	1 576	2 713	1 561	1 048	280	418
7 rooms -----	8 761	55	204	520	936	1 326	2 382	1 736	1 154	448	454
8 or more rooms -----	10 764	47	103	344	843	1 067	2 436	2 081	2 091	1 752	526
Median -----	6.5	5.5	5.5	5.7	6.1	6.3	6.4	6.8	7.2	8.3	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	8 670	48	132	119	250	684	2 058	2 285	1 948	1 146	546
1970 to 1974 -----	5 018	44	90	270	480	849	1 467	832	622	364	448
1960 to 1969 -----	9 559	60	222	1 072	1 530	1 490	2 359	1 428	908	490	415
1950 to 1959 -----	6 642	87	402	952	1 091	969	1 668	750	543	180	391
1940 to 1949 -----	2 921	39	171	390	410	380	837	404	196	94	407
1939 or earlier -----	6 598	187	385	632	982	1 040	1 571	894	586	321	404
<b>VALUE</b>											
Less than \$10,000 -----	14	2	8	2	—	2	—	—	—	—	231
\$10,000 to \$19,999 -----	112	11	27	44	12	11	7	—	—	—	270
\$20,000 to \$29,999 -----	597	57	145	131	130	71	44	17	2	—	287
\$30,000 to \$39,999 -----	2 614	125	284	666	571	443	416	86	11	12	320
\$40,000 to \$49,999 -----	5 755	107	458	962	1 109	1 046	1 452	498	85	38	362
\$50,000 to \$59,999 -----	8 935	77	283	942	1 374	1 422	2 512	1 719	574	32	414
\$60,000 to \$79,999 -----	13 415	65	170	588	1 282	1 859	4 010	2 774	2 136	531	466
\$80,000 to \$99,999 -----	4 704	20	20	66	221	431	1 179	1 006	1 069	692	541
\$100,000 to \$149,999 -----	2 675	1	4	29	36	123	322	446	831	883	668
\$150,000 or more -----	587	—	3	5	8	4	18	47	95	407	750+
Median -----	\$61 900	\$43 400	\$45 300	\$49 100	\$53 300	\$58 000	\$62 100	\$66 100	\$75 900	\$99 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	9 588	330	736	1 785	1 976	1 499	1 741	718	520	283	349
15 to 19 percent -----	8 986	75	271	842	1 265	1 668	2 686	1 258	591	330	411
20 to 24 percent -----	7 622	2	139	365	645	1 037	2 313	1 687	1 031	403	470
25 to 29 percent -----	5 462	6	119	175	411	453	1 519	1 225	1 040	514	504
30 to 34 percent -----	3 008	11	31	126	135	319	669	776	628	313	527
35 percent or more -----	4 674	41	106	140	309	417	1 009	927	985	740	534
Not computed -----	68	—	—	2	2	19	23	2	8	12	437
Median -----	20.7	11.3	14.6	14.7	16.6	18.6	21.2	23.9	26.2	27.7	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment -----</b>	<b>39 406</b>	<b>465</b>	<b>1 402</b>	<b>3 435</b>	<b>4 743</b>	<b>5 412</b>	<b>9 960</b>	<b>6 591</b>	<b>4 803</b>	<b>2 595</b>	<b>439</b>
Steam or hot water system -----	3 657	40	110	305	417	484	933	581	491	296	446
Central warm-air furnace or electric heat pump -----	34 229	384	1 185	2 900	4 111	4 760	8 684	5 753	4 210	2 242	440
Other built-in electric units -----	294	—	7	32	27	41	52	82	33	20	479
Floor, wall, or pipeless furnace -----	143	18	32	21	33	2	26	11	—	—	301
Other means -----	1 083	23	68	177	155	125	265	164	69	37	397
<b>Air conditioning -----</b>	<b>19 244</b>	<b>185</b>	<b>552</b>	<b>1 741</b>	<b>2 231</b>	<b>2 523</b>	<b>4 718</b>	<b>3 072</b>	<b>2 468</b>	<b>1 754</b>	<b>449</b>
Central system -----	10 319	65	164	497	889	1 176	2 400	1 906	1 734	1 488	499
1 or more individual room units -----	8 925	120	388	1 244	1 342	1 347	2 318	1 166	734	266	401
<b>House heating fuel -----</b>	<b>39 406</b>	<b>465</b>	<b>1 402</b>	<b>3 435</b>	<b>4 743</b>	<b>5 412</b>	<b>9 960</b>	<b>6 591</b>	<b>4 803</b>	<b>2 595</b>	<b>439</b>
Utility gas -----	28 833	308	930	2 333	3 185	4 035	7 248	4 921	3 787	2 086	446
Bottled, tank, or LP gas -----	2 001	26	63	114	237	216	543	379	271	152	459
Electricity -----	577	2	16	34	46	63	117	121	100	78	509
Fuel oil, kerosene, etc. -----	7 402	123	365	835	1 174	1 047	1 928	1 084	592	254	407
Other -----	593	6	28	119	101	51	124	86	53	25	392

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>16 496</b>	<b>4</b>	<b>93</b>	<b>346</b>	<b>1 135</b>	<b>2 343</b>	<b>6 412</b>	<b>3 752</b>	<b>2 411</b>	<b>184</b>
<b>PERSONS IN UNIT</b>										
1 person -----	3 751	2	40	208	504	743	1 425	531	298	163
2 persons -----	7 970	2	42	99	459	1 166	3 220	1 815	1 167	184
3 persons -----	2 358	—	11	15	72	231	934	693	402	196
4 persons -----	1 374	—	—	2	71	108	491	418	284	202
5 persons -----	676	—	—	15	21	47	211	204	178	211
6 persons -----	244	—	—	7	2	29	93	62	51	195
7 persons -----	87	—	—	—	6	18	26	27	10	188
8 or more persons -----	36	—	—	—	—	1	12	2	21	250+
Median -----	2.06	1.50	1.65	1.33	1.64	1.87	2.05	2.24	2.28	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> -----	<b>11 244</b>	<b>2</b>	<b>47</b>	<b>116</b>	<b>526</b>	<b>1 394</b>	<b>4 346</b>	<b>2 916</b>	<b>1 897</b>	<b>191</b>
15 to 24 years -----	4	—	—	—	4	—	—	—	—	113
25 to 34 years -----	221	—	2	7	14	39	82	49	28	180
35 to 44 years -----	684	—	2	18	31	39	280	148	166	195
45 to 64 years -----	5 894	—	20	57	200	610	2 314	1 604	1 089	195
65 years and over -----	4 441	2	23	34	277	706	1 670	1 115	614	185
<b>Male householder, no wife present</b> -----	<b>1 117</b>	<b>2</b>	<b>27</b>	<b>57</b>	<b>198</b>	<b>252</b>	<b>368</b>	<b>106</b>	<b>107</b>	<b>153</b>
15 to 24 years -----	25	—	—	—	13	6	—	—	4	120
25 to 34 years -----	80	—	3	3	12	9	32	3	18	170
35 to 44 years -----	67	—	—	2	22	9	28	4	2	151
45 to 64 years -----	375	—	15	16	59	95	110	43	37	151
65 years and over -----	570	—	9	36	92	133	198	56	46	154
<b>Female householder, no husband present</b> -----	<b>4 135</b>	<b>—</b>	<b>19</b>	<b>173</b>	<b>411</b>	<b>697</b>	<b>1 698</b>	<b>730</b>	<b>407</b>	<b>173</b>
15 to 24 years -----	19	—	—	—	8	—	4	7	—	169
25 to 34 years -----	43	—	—	—	6	13	2	15	7	202
35 to 44 years -----	82	—	—	2	2	8	30	24	16	198
45 to 64 years -----	1 246	—	—	57	107	149	535	235	163	179
65 years and over -----	2 745	—	19	114	288	527	1 127	449	221	169
Median age -----	64.1	45.0	66.2	67.4	68.4	67.4	64.0	62.8	61.5	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	324	—	10	25	37	56	117	67	12	165
1975 to 1978 -----	1 192	2	9	27	81	129	474	264	206	187
1970 to 1974 -----	1 698	—	16	46	82	236	609	380	329	189
1960 to 1969 -----	4 729	—	6	62	271	576	1 822	1 188	804	190
1959 or earlier -----	8 553	2	52	186	664	1 346	3 390	1 853	1 060	180
<b>ROOMS</b>										
1 to 3 rooms -----	230	—	19	28	61	53	50	17	2	128
4 rooms -----	1 780	2	19	113	310	479	666	170	21	148
5 rooms -----	4 569	—	18	97	401	851	2 140	831	231	171
6 rooms -----	4 836	—	30	81	229	614	2 070	1 265	547	185
7 rooms -----	2 728	—	7	13	103	213	926	806	660	206
8 or more rooms -----	2 353	2	—	14	31	133	560	663	950	233
Median -----	5.8	6.0	5.0	4.8	5.0	5.3	5.7	6.2	7.1	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	523	—	10	29	14	52	186	135	97	192
1970 to 1974 -----	728	—	11	12	20	93	207	181	204	206
1960 to 1969 -----	2 789	—	—	18	73	182	1 049	893	574	204
1950 to 1959 -----	4 920	—	16	36	210	563	2 063	1 337	695	190
1940 to 1949 -----	2 189	—	15	42	209	400	876	408	239	174
1939 or earlier -----	5 347	4	41	209	609	1 053	2 031	798	602	169
<b>VALUE</b>										
Less than \$10,000 -----	58	—	10	19	24	3	2	—	—	100
\$10,000 to \$19,999 -----	252	2	21	43	89	52	32	3	10	117
\$20,000 to \$29,999 -----	1 118	—	16	112	317	277	329	61	6	135
\$30,000 to \$39,999 -----	2 295	—	9	77	358	742	889	179	41	149
\$40,000 to \$49,999 -----	3 525	—	4	27	222	747	1 857	519	149	171
\$50,000 to \$59,999 -----	3 232	2	18	31	91	355	1 691	865	179	183
\$60,000 to \$79,999 -----	4 049	—	13	26	33	135	1 425	1 637	780	212
\$80,000 to \$99,999 -----	1 151	—	2	11	—	23	145	393	577	250+
\$100,000 to \$149,999 -----	641	—	—	—	1	7	40	90	503	250+
\$150,000 or more -----	175	—	—	—	—	2	2	5	166	250+
Median -----	\$52 600	\$32 500	\$26 900	\$29 900	\$33 400	\$41 100	\$50 500	\$62 200	\$81 200	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	6 729	2	39	146	354	870	2 730	1 592	996	186
10 to 14 percent -----	3 711	—	17	46	227	509	1 369	955	588	189
15 to 19 percent -----	2 101	2	21	32	155	358	748	423	362	182
20 to 24 percent -----	1 088	—	2	37	102	149	449	229	120	178
25 to 29 percent -----	837	—	10	51	51	133	330	142	120	176
30 to 34 percent -----	628	—	—	10	80	128	197	144	69	174
35 percent or more -----	1 365	—	2	18	166	196	567	262	154	176
Not computed -----	37	—	2	6	—	—	22	5	2	174
Median -----	12.0	12.0	11.9	12.6	14.7	13.0	11.7	11.5	11.8	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> -----	<b>16 496</b>	<b>4</b>	<b>93</b>	<b>346</b>	<b>1 135</b>	<b>2 343</b>	<b>6 412</b>	<b>3 752</b>	<b>2 411</b>	<b>184</b>
Steam or hot water system -----	2 228	—	9	16	100	173	686	697	547	209
Control warm-air furnace or electric heat pump -----	13 582	2	47	257	891	2 053	5 543	2 961	1 828	182
Other built-in electric units -----	61	—	—	—	5	5	33	13	5	181
Floor, wall, or pipeless furnace -----	142	—	11	16	17	43	21	25	9	141
Other means -----	483	—	—	—	12	69	129	56	22	138
<b>Air conditioning</b> -----	<b>8 942</b>	<b>2</b>	<b>32</b>	<b>124</b>	<b>416</b>	<b>1 138</b>	<b>3 358</b>	<b>2 257</b>	<b>1 615</b>	<b>191</b>
Control system -----	4 198	—	2	22	89	328	1 395	1 213	1 149	211
1 or more individual room units -----	4 744	—	30	102	327	810	1 963	1 044	466	178
<b>House heating fuel</b> -----	<b>16 496</b>	<b>4</b>	<b>93</b>	<b>346</b>	<b>1 135</b>	<b>2 343</b>	<b>6 412</b>	<b>3 752</b>	<b>2 411</b>	<b>184</b>
Utility gas -----	10 161	—	45	221	689	1 538	3 915	2 264	1 487	183
Bottled, tank, or LP gas -----	646	—	21	28	76	61	236	146	78	179
Electricity -----	120	—	—	—	18	5	52	20	25	186
Fuel oil, kerosene, etc. -----	5 465	—	19	85	344	726	2 162	1 308	821	186
Other -----	104	2	8	12	8	13	47	14	—	160

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	67 152	10 812	7 596	14 068	18 262	16 414	53 449	6 766	9 582	14 856	10 722	11 523
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	51 740	9 366	6 201	11 692	13 647	10 834	13 516	1 863	2 380	3 921	2 794	2 558
15 to 24 years	884	294	99	136	207	148	2 724	435	504	841	586	358
25 to 34 years	13 184	4 486	1 759	2 072	2 547	2 320	6 051	810	1 092	1 780	1 175	1 194
35 to 44 years	12 380	2 658	2 174	3 214	2 299	2 035	1 565	171	235	458	364	337
45 to 64 years	19 005	1 699	1 886	5 269	6 193	3 958	1 796	204	277	508	387	420
65 years and over	6 287	229	283	1 001	2 401	2 373	1 380	242	272	334	282	249
Male householder, no wife present	5 469	669	435	843	1 517	2 005	16 551	1 901	2 897	4 332	3 143	4 278
15 to 24 years	376	71	38	71	123	123	6 450	619	1 129	1 858	1 332	1 512
25 to 34 years	1 936	345	140	270	558	623	6 542	763	1 250	1 554	1 237	1 738
35 to 44 years	1 929	155	111	171	227	265	1 453	182	206	498	216	351
45 to 64 years	1 301	67	112	279	396	447	1 437	194	307	564	263	523
65 years and over	927	31	34	52	263	669	1 118	187	115	95	154	154
Female householder, no husband present	9 943	777	960	1 533	3 098	3 575	23 382	3 002	4 305	6 603	4 785	4 687
15 to 24 years	144	21	21	11	29	56	7 599	667	1 582	1 936	1 600	1 814
25 to 34 years	1 413	281	246	240	320	326	7 422	942	1 536	2 123	1 455	1 366
35 to 44 years	1 478	212	251	286	361	368	1 814	203	385	564	395	267
45 to 64 years	3 114	232	321	633	1 071	857	2 310	223	289	850	535	413
65 years and over	3 794	31	115	363	1 317	1 968	4 237	967	513	1 130	800	827
Median age	45.7	34.8	39.9	46.5	52.6	53.0	28.8	30.4	28.0	28.9	28.7	28.7
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	7 885	3 398	768	1 077	1 299	1 343	29 635	4 823	5 653	7 976	5 496	5 687
1975 to 1978	19 941	7 414	2 388	3 120	3 690	3 329	16 947	1 943	3 172	4 956	3 437	3 439
1970 to 1974	11 963	-	4 440	2 585	2 701	2 237	3 640	-	757	1 120	829	934
1960 to 1969	14 359	-	-	7 286	4 082	2 991	2 137	-	-	804	575	758
1959 or earlier	13 004	-	-	-	6 490	6 514	1 090	-	-	-	385	705
<b>ROOMS</b>												
1 room	32	2	-	15	2	13	3 693	188	702	1 129	687	987
2 rooms	98	8	14	9	35	32	4 550	514	825	1 379	949	883
3 rooms	725	92	90	84	150	309	12 297	1 747	2 217	3 816	2 416	2 101
4 rooms	4 895	433	479	604	2 035	1 344	15 750	2 134	3 216	4 820	3 181	2 399
5 rooms	15 632	2 111	1 494	3 271	6 110	2 646	9 606	1 186	1 654	2 325	2 210	2 231
6 rooms	17 165	2 626	1 770	3 316	5 067	4 386	4 240	608	657	954	752	1 269
7 or more rooms	28 605	5 540	3 749	6 769	4 863	7 684	3 313	389	311	433	527	1 653
Median	6.2	6.6	6.5	6.4	5.7	6.4	3.9	3.9	3.8	3.7	3.9	4.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	66 849	10 807	7 580	14 045	18 220	16 197	51 704	6 695	9 428	14 584	10 431	10 566
0.50 or less	44 331	6 657	4 533	8 449	12 518	12 174	33 684	4 790	6 296	8 984	6 624	6 990
0.51 to 1.00	21 770	4 073	2 955	5 389	5 514	3 839	16 989	1 845	3 002	5 162	3 604	3 776
1.01 to 1.50	700	66	92	205	175	162	620	40	71	270	125	114
1.51 or more	48	11	-	2	13	22	411	20	59	168	78	86
Lacking complete plumbing for exclusive use	303	5	16	42	217	42	1 745	71	154	272	291	957
0.50 or less	248	5	16	12	23	192	1 644	42	60	137	83	322
0.51 to 1.00	55	-	-	11	19	25	1 046	29	75	135	187	620
1.01 to 1.50	-	-	-	-	-	-	29	-	19	-	-	10
1.51 or more	-	-	-	-	-	-	26	-	-	-	21	5
<b>PERSONS IN UNIT</b>												
1 person	8 507	687	621	1 185	2 745	3 269	22 346	2 906	4 165	6 258	4 291	4 726
2 persons	21 652	3 024	1 915	3 865	7 062	5 786	18 343	2 190	3 584	5 237	3 766	4 469
3 persons	12 709	2 226	1 399	2 759	3 491	2 834	6 885	937	1 850	1 850	1 542	1 469
4 persons	14 152	3 118	2 002	3 543	3 025	2 464	3 854	501	537	1 029	747	1 040
5 persons	6 622	1 258	1 137	1 758	1 271	1 198	1 361	203	110	309	301	438
6 or more persons	3 510	499	522	958	668	863	660	29	99	173	75	284
Median	2.77	3.26	3.40	3.22	2.40	2.35	1.74	1.72	1.67	1.72	1.78	1.79
Total persons	204 445	35 801	25 868	46 736	50 363	45 677	104 663	12 857	17 531	28 747	21 356	24 172
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	62 137	9 964	6 456	13 240	17 662	14 815	8 091	657	642	1 183	2 336	3 273
2	2 209	177	159	298	345	1 230	7 401	1 000	694	1 005	1 622	3 080
3 and 4	611	84	72	53	142	260	6 797	281	488	1 601	2 551	1 876
5 to 9	437	102	194	31	48	62	9 406	1 545	2 067	2 651	1 731	1 412
10 to 49	347	109	127	66	13	32	15 370	2 035	4 238	5 909	1 838	1 550
50 or more	85	31	29	5	12	8	5 996	1 200	1 307	2 391	593	505
Mobile home or trailer, etc.	1 326	345	559	375	40	7	388	48	146	116	51	27
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	67 141	10 810	7 589	14 068	18 262	16 412	53 434	6 766	9 582	14 841	10 722	11 523
Steam or hot water system	7 776	398	499	1 541	1 996	3 342	21 283	1 611	3 678	6 849	4 347	4 798
Central warm-air furnace or electric heat pump	56 113	9 808	6 695	12 139	15 616	11 855	24 666	3 108	3 806	6 381	5 593	5 778
Other built-in electric units	577	262	127	64	71	53	5 634	1 961	1 922	1 242	361	148
Floor, wall, or pipeless furnace	382	21	29	29	76	227	438	30	47	114	139	108
Other means	2 293	321	239	295	503	935	1 413	56	129	255	282	691
Air conditioning	33 425	4 651	4 432	8 159	10 022	6 161	31 474	5 343	8 515	11 462	3 991	2 163
Central system	17 238	3 742	3 342	4 854	4 037	1 263	5 888	1 245	1 509	2 373	557	204
1 or more individual room units	16 187	909	1 090	3 305	5 985	4 898	25 586	4 098	7 006	9 089	3 434	1 959
House heating fuel	67 141	10 810	7 589	14 068	18 262	16 412	53 434	6 766	9 582	14 841	10 722	11 523
Utility gas	44 606	8 482	5 989	11 096	9 797	9 242	34 543	3 623	6 033	11 017	7 047	6 823
Bottled, tank, or LP gas	4 577	1 083	829	798	368	1 499	1 793	129	118	302	415	829
Electricity	1 123	526	232	132	146	87	9 010	2 799	2 864	2 298	713	336
Fuel oil, kerosene, etc.	15 787	506	411	1 938	7 755	5 177	7 449	193	86	1 063	2 418	3 289
Other	1 048	213	128	104	196	407	639	22	81	161	129	246
Income in 1979 below poverty level	1 800	231	165	265	380	759	10 723	935	1 452	2 985	2 346	3 005
Percent below poverty level	2.7	2.1	2.2	1.9	2.1	4.6	20.1	13.8	15.2	20.1	21.9	26.1
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	2 490	162	192	295	589	1 252	9 742	1 172	1 390	2 752	2 044	2 384
\$5,000 to \$9,999	4 875	302	318	596	1 656	2 003	12 786	1 459	2 046	3 615	2 787	2 879
\$10,000 to \$14,999	2 952	262	295	453	838	1 104	6 822	753	1 352	1 910	1 434	1 373
\$15,000 to \$19,999	3 577	350	331	654	1 122	1 120	5 388	605	989	1 627	1 186	981
\$20,000 to \$24,999	9 003	1 225	969	1 645	2 591	2 573	8 226	1 143	1 711	2 202	1 498	1 672
\$25,000 to \$29,999	11 243	2 143	1 372	2 353	3 022	2 353	5 118	719	1 051	1 387	886	1 075
\$30,000 to \$34,999	17 829	3 758	2 216	4 157	4 591	3 107	3 807	645	760	963	648	791
\$35,000 to \$49,999	10 105	1 845	1 220	2 560	2 647	1 833	1 158	196	185	305	192	280
\$50,000 or more	5 078	765	683	1 355	1 206	1 069	402	74	98	95	47	88
Median	\$24 730	\$27 068	\$26 102	\$27 188	\$23 787	\$20 283	\$11 538	\$12 497	\$12 508	\$11 389	\$10 924	\$10 908
Mean	\$27 487	\$29 843	\$29 349	\$30 506	\$26 402	\$23 690	\$13 270	\$14 733	\$14 137	\$12 902	\$12 492	\$12 886

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	67 152	62 137	3 689	1 326	53 449	8 091	7 401	6 797	9 406	15 370	5 996	388
Condominium housing units	1 060	368	692	—	339	44	—	44	103	112	36	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	51 740	49 332	1 798	610	13 516	3 731	2 463	1 348	2 262	2 916	677	119
15 to 24 years	884	753	49	82	2 724	431	383	243	565	913	147	42
25 to 34 years	13 184	12 507	492	185	6 051	1 614	1 264	582	1 018	1 336	186	51
35 to 44 years	12 380	12 060	217	103	1 565	641	348	129	228	161	46	12
45 to 64 years	19 005	18 171	658	176	1 796	709	294	209	235	256	79	14
65 years and over	6 287	5 841	382	64	1 380	336	174	185	216	250	219	—
Male householder, no wife present	5 469	4 425	749	295	16 551	2 052	1 987	2 037	2 698	5 423	2 221	133
15 to 24 years	376	258	51	67	6 450	606	686	789	990	2 247	1 112	20
25 to 34 years	1 936	1 549	305	82	6 542	887	921	855	1 203	2 083	535	58
35 to 44 years	929	767	121	41	1 453	227	164	166	221	495	164	16
45 to 64 years	1 301	1 079	138	84	1 437	253	161	181	155	444	224	19
65 years and over	927	772	134	21	669	79	55	46	129	154	186	20
Female householder, no husband present	9 943	8 380	1 142	421	23 382	2 308	2 951	3 412	4 446	7 031	3 098	136
15 to 24 years	144	76	50	18	7 599	634	846	1 073	1 453	2 695	868	30
25 to 34 years	1 413	1 060	217	136	7 422	702	1 021	1 156	1 626	2 385	467	65
35 to 44 years	1 478	1 262	171	45	1 814	309	273	228	362	480	146	16
45 to 64 years	3 114	2 751	243	120	2 310	282	307	441	602	613	254	11
65 years and over	3 794	3 231	461	102	4 237	381	504	514	603	858	1 363	14
Median age	45.7	45.7	48.7	38.9	28.8	31.9	29.4	28.8	28.3	27.3	31.0	29.6
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	7 885	6 845	679	361	29 635	3 670	3 910	3 445	5 270	9 435	3 690	215
1975 to 1978	19 941	18 335	1 133	473	16 947	2 470	2 507	2 360	3 105	4 786	1 581	138
1970 to 1974	11 963	11 062	565	336	3 640	823	512	476	613	768	438	10
1960 to 1969	14 359	13 738	485	136	2 137	532	333	395	294	332	232	19
1959 or earlier	13 004	12 157	827	20	1 090	596	139	121	124	49	55	6
<b>ROOMS</b>												
1 room	32	13	13	6	3 693	71	10	131	429	1 699	1 319	34
2 rooms	98	53	36	9	4 550	77	177	454	698	2 108	1 021	15
3 rooms	725	381	222	122	12 297	373	970	1 491	2 197	4 801	2 419	46
4 rooms	4 895	3 460	896	539	15 750	1 363	2 587	2 471	3 669	4 554	953	153
5 rooms	15 632	13 932	1 164	536	9 606	1 952	2 104	1 696	1 827	1 700	216	111
6 rooms	17 165	16 346	736	83	4 240	1 828	1 035	413	480	417	40	27
7 or more rooms	28 605	27 952	622	31	3 313	2 427	518	141	106	91	28	2
Median	6.2	6.3	5.1	4.5	3.9	5.6	4.5	4.0	3.9	3.3	2.8	4.1
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	66 849	61 944	3 581	1 324	51 704	8 010	7 275	6 586	9 054	14 744	5 647	388
0.50 or less	44 331	40 585	2 870	876	33 684	5 031	4 920	4 686	6 047	9 405	3 370	225
0.51 to 1.00	21 770	20 689	655	426	16 989	2 792	2 284	1 812	2 872	5 020	2 059	150
1.01 to 1.50	700	626	52	22	620	127	62	60	80	179	105	7
1.51 or more	48	44	4	—	411	60	9	28	55	140	113	6
Lacking complete plumbing for exclusive use	303	193	108	2	1 745	81	126	211	352	626	349	—
0.50 or less	248	172	74	2	644	59	92	135	145	185	28	—
0.51 to 1.00	55	21	34	—	1 046	15	34	62	194	426	315	—
1.01 to 1.50	—	—	—	—	29	2	—	14	7	—	6	—
1.51 or more	—	—	—	—	26	5	—	—	6	15	—	—
<b>BEDROOMS</b>												
None	46	24	13	9	4 280	71	24	206	535	1 992	1 418	34
1	1 818	1 088	614	116	17 723	631	1 691	2 178	3 048	6 931	3 184	60
2	11 938	9 387	1 748	803	21 465	2 503	3 677	3 208	4 883	5 747	1 261	186
3	36 810	35 451	971	388	7 771	3 219	1 758	1 031	861	682	114	106
4	13 819	13 552	257	10	1 609	1 168	213	149	47	18	14	—
5 or more	2 721	2 635	86	—	601	499	38	25	32	—	5	2
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	2 490	2 139	238	113	9 742	778	920	995	1 473	3 241	2 247	78
\$5,000 to \$9,999	4 875	4 128	516	231	12 786	1 426	1 408	1 738	2 519	4 104	1 515	76
\$10,000 to \$12,499	2 952	2 538	294	120	6 822	797	928	928	1 394	2 121	593	61
\$12,500 to \$14,999	3 577	3 128	279	170	5 388	833	671	798	1 125	1 517	387	57
\$15,000 to \$19,999	9 003	7 998	695	310	8 226	1 421	1 431	1 277	1 347	2 199	497	54
\$20,000 to \$24,999	11 243	10 481	553	209	5 118	1 249	1 022	552	882	996	384	33
\$25,000 to \$34,999	17 829	17 091	603	135	3 807	1 039	795	387	459	869	246	12
\$35,000 to \$49,999	10 105	9 743	341	21	1 158	418	171	83	157	248	75	6
\$50,000 or more	5 078	4 891	170	17	402	130	55	39	50	75	52	1
Median	\$24 730	\$25 316	\$18 679	\$15 306	\$11 538	\$15 683	\$14 156	\$11 793	\$11 275	\$10 401	\$6 995	\$11 230
Mean	\$27 487	\$28 030	\$21 575	\$18 488	\$13 270	\$17 453	\$15 241	\$12 955	\$12 731	\$11 916	\$9 957	\$11 851
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	67 141	62 128	3 689	1 324	53 434	8 091	7 401	6 797	9 401	15 366	5 990	388
Steam or hot water system	7 776	6 721	1 051	4	1 283	1 067	1 497	3 020	4 354	8 312	2 996	37
Central warm-air furnace or electric heat pump	56 113	52 535	2 379	1 199	24 666	6 190	5 421	3 371	3 289	4 215	1 883	297
Other built-in electric units	577	442	122	13	5 634	6 109	135	201	1 551	2 590	1 038	10
Floor, wall, or pipeless furnace	382	351	14	17	438	126	75	60	66	87	19	5
Other means	2 293	2 079	123	91	1 413	599	273	145	141	162	54	39
Air conditioning	33 425	30 683	2 151	591	31 474	2 493	2 486	2 905	6 259	12 270	4 846	215
Central system	17 238	15 978	1 064	196	5 888	1 084	1 107	508	886	1 459	811	33
Vehicles available	64 615	60 129	3 240	1 246	41 756	7 428	6 223	5 263	7 709	11 762	3 058	313
1	20 418	18 079	1 692	647	27 879	3 393	3 495	3 955	5 514	8 757	2 557	208
2 or more	44 197	42 050	1 548	599	13 877	4 035	2 728	1 308	2 195	3 005	501	105
House heating fuel	67 141	62 128	3 689	1 324	53 434	8 091	7 401	6 797	9 401	15 366	5 990	388
Utility gas	44 606	41 127	2 558	921	34 543	4 484	5 196	4 919	6 020	10 176	3 528	220
Bottled, tank, or LP gas	4 577	4 125	148	304	1 793	874	267	166	183	140	56	107
Electricity	1 123	897	203	33	9 010	304	329	528	2 124	3 781	1 924	20
Fuel oil, kerosene, etc.	15 787	14 978	740	69	7 449	2 230	1 583	1 149	969	1 053	428	37
Other	1 048	1 001	40	7	639	199	26	35	105	216	54	4
Water heating fuel	67 051	62 053	3 674	1 324	53 305	8 053	7 392	6 795	9 393	15 301	5 983	388
Utility gas	42 265	39 125	2 508	632	35 081	4 538	5 493	4 993	5 984	10 154	3 720	199
Bottled, tank, or LP gas	5 350	4 919	201	230	2 256	1 072	353	200	224	229	91	87
Electricity	17 291	15 989	840	462	13 647	2 221	1 243	1 095	2 781	4 253	1 954	100
Fuel oil, kerosene, etc.	2 055	1 944	111	—	2 047	210	301	464	348	549	173	2
Other	90	76	14	—	274	12	2	43	56	116	45	—
Family householder	56 874	53 889	2 186	799	19 623	4 991	3 419	2 201	3 665	4 231	918	198
With own children under 18 years	30 870	29 627	847	396	9 896	3 090	1 896	1 021	1 875	1 734	163	117
With own children under 6 years	12 008	11 481	297	230	5 854	1 679	1 122	575	1 191	1 115	94	78
Female householder, no husband present	3 950	3 510	286	154	5 063	973	783	771	1 195	1 127	141	73
With own children under 18 years	2 183	1 901	183	99	3 748	739	587	502	950	843	50	53
With own children under 6 years	385	336	9	40	1 699	280	247	253	489	380	28	22
Nonfamily householder	10 278	8 248	1 503	527	33 826	3 100	3 982	4 596	5 741	11 139	5 078	190
Income in 1979 below poverty level	1 800	1 529	196	75	10 723	1 265	1 257	1 360	1 689	3 218	1 846	88
Percent below poverty level	2.7	2.5	5.3	5.7	20.1	15.6	17.0	20.0	18.0	20.9	30.8	22.7

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Oto are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>67 152</b>	<b>8 507</b>	<b>21 652</b>	<b>12 709</b>	<b>14 152</b>	<b>6 622</b>	<b>2 406</b>	<b>793</b>	<b>311</b>	<b>2.77</b>	<b>204 445</b>
Nonrelatives present .....	2 812	—	1 432	556	310	290	157	42	25	2.48	8 911
<b>ROOMS</b> .....											
1 to 3 rooms .....	855	466	255	72	52	7	—	—	3	1.42	1 530
4 rooms .....	4 895	1 914	2 226	517	183	53	—	—	2	1.74	9 208
5 rooms .....	15 632	2 523	6 139	3 179	2 427	1 054	246	50	14	2.36	41 801
6 rooms .....	17 165	2 052	6 152	3 319	3 680	1 372	409	144	37	2.61	50 097
7 rooms .....	13 170	967	3 765	2 778	3 391	1 418	599	183	69	3.17	43 151
8 or more rooms .....	15 435	585	3 115	2 844	4 419	2 718	1 152	416	186	3.77	58 658
Median .....	6.2	5.2	5.9	6.3	6.7	7.1	7.4	7.6	8.0	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
<b>Complete plumbing for exclusive use</b> .....	<b>66 849</b>	<b>8 353</b>	<b>21 549</b>	<b>12 703</b>	<b>14 133</b>	<b>6 613</b>	<b>2 406</b>	<b>781</b>	<b>311</b>	<b>2.78</b>	<b>203 808</b>
1.00 or less .....	66 101	8 353	21 549	12 682	14 081	6 553	2 160	587	136	2.75	199 027
1.01 to 1.50 .....	700	—	—	19	39	53	246	194	149	6.47	4 468
1.51 or more .....	48	—	—	2	13	7	—	—	26	7.67	313
<b>Lacking complete plumbing for exclusive use</b> .....	<b>303</b>	<b>154</b>	<b>103</b>	<b>6</b>	<b>19</b>	<b>9</b>	<b>—</b>	<b>12</b>	<b>—</b>	<b>1.48</b>	<b>637</b>
1.00 or less .....	303	154	103	6	19	9	—	12	—	1.48	637
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	62 137	6 883	19 687	11 998	13 774	6 408	2 333	747	307	2.87	192 017
2 or more .....	3 689	1 204	1 491	455	271	171	58	35	4	1.93	9 301
Mobile home or trailer, etc. ....	1 326	420	474	256	107	43	15	11	—	2.01	3 127
<b>VALUE</b> .....											
<b>Specified owner-occupied housing units</b> .....	<b>55 904</b>	<b>6 114</b>	<b>17 611</b>	<b>10 912</b>	<b>12 621</b>	<b>5 780</b>	<b>2 001</b>	<b>648</b>	<b>217</b>	<b>2.89</b>	<b>171 281</b>
Less than \$10,000 .....	72	43	15	9	4	1	—	—	—	1.34	127
\$10,000 to \$19,999 .....	364	123	141	52	30	12	4	—	2	1.92	857
\$20,000 to \$29,999 .....	1 715	629	637	196	133	67	11	22	20	1.86	3 672
\$30,000 to \$39,999 .....	4 909	1 072	1 905	812	677	273	120	31	19	2.23	12 605
\$40,000 to \$49,999 .....	9 280	1 421	3 270	1 875	1 572	761	255	83	43	2.48	25 766
\$50,000 to \$59,999 .....	12 167	1 234	3 814	2 628	2 757	1 206	385	109	34	2.89	36 968
\$60,000 to \$79,999 .....	17 464	1 169	5 240	3 384	4 680	2 012	700	229	50	3.19	56 614
\$80,000 to \$99,999 .....	5 855	227	1 469	1 212	1 658	882	279	102	26	3.51	20 262
\$100,000 to \$149,999 .....	3 316	161	932	566	946	446	183	61	21	3.50	11 415
\$150,000 or more .....	762	35	188	178	164	120	64	11	2	3.39	2 995
Median .....	\$59 500	\$48 400	\$57 200	\$59 500	\$63 600	\$65 200	\$65 000	\$66 400	\$57 700	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
<b>All income levels in 1979</b> .....	<b>67 152</b>	<b>8 507</b>	<b>21 652</b>	<b>12 709</b>	<b>14 152</b>	<b>6 622</b>	<b>2 406</b>	<b>793</b>	<b>311</b>	<b>2.77</b>	<b>204 445</b>
Median income .....	\$24 730	\$11 848	\$23 540	\$27 171	\$26 955	\$29 081	\$30 484	\$32 380	\$35 061	...	...
Median selected monthly owner costs as percentage of household income .....	18.5	26.3	16.9	17.6	19.4	18.3	17.6	17.8	15.3	...	...
With a mortgage .....	20.7	28.5	20.7	20.3	20.6	19.5	18.9	19.4	17.2	...	...
Not mortgaged .....	12.0	24.0	12.0	10—	10—	10—	10—	10—	10—	...	...
<b>Income in 1979 below poverty level</b> .....	<b>1 800</b>	<b>620</b>	<b>422</b>	<b>216</b>	<b>301</b>	<b>116</b>	<b>86</b>	<b>36</b>	<b>3</b>	<b>2.16</b>	<b>...</b>
Median income .....	\$3 231	\$2500—	\$3 508	\$2 898	\$5 010	\$5 703	\$7 625	\$9 167	\$10 625	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	50+	50+	—	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	50+	—	...	...
Not mortgaged .....	50+	50+	50.0	50+	37.2	23.8	37.5	—	—	...	...
<b>Renter-occupied housing units</b> .....	<b>53 449</b>	<b>22 346</b>	<b>18 343</b>	<b>6 885</b>	<b>3 854</b>	<b>1 361</b>	<b>389</b>	<b>183</b>	<b>88</b>	<b>1.74</b>	<b>104 663</b>
Nonrelatives present .....	12 787	—	8 148	2 700	1 308	420	112	75	24	2.28	32 850
<b>ROOMS</b> .....											
1 room .....	3 693	3 449	218	7	13	—	—	6	—	1.04	3 870
2 rooms .....	4 550	3 093	1 288	117	41	5	6	—	—	1.24	6 139
3 rooms .....	12 297	7 739	3 650	570	241	74	18	5	—	1.29	18 098
4 rooms .....	15 750	5 356	7 389	2 163	708	106	2	21	5	1.84	30 071
5 rooms .....	9 606	1 985	3 714	2 200	1 188	413	76	14	16	2.26	23 294
6 rooms .....	4 240	466	1 285	1 099	953	286	86	56	9	2.84	12 012
7 or more rooms .....	3 313	258	799	729	710	477	201	81	58	3.32	11 179
Median .....	3.9	3.1	4.0	4.8	5.3	5.8	6.6	6.3	7.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
<b>Complete plumbing for exclusive use</b> .....	<b>51 704</b>	<b>21 113</b>	<b>17 980</b>	<b>6 804</b>	<b>3 809</b>	<b>1 353</b>	<b>387</b>	<b>175</b>	<b>83</b>	<b>1.76</b>	<b>102 142</b>
1.00 or less .....	50 673	21 113	17 783	6 694	3 521	1 168	285	81	28	1.74	97 744
1.01 to 1.50 .....	620	—	—	103	234	106	78	62	37	4.38	2 914
1.51 or more .....	411	—	197	7	54	79	24	32	18	3.53	1 484
<b>Lacking complete plumbing for exclusive use</b> .....	<b>1 745</b>	<b>1 233</b>	<b>363</b>	<b>81</b>	<b>45</b>	<b>8</b>	<b>2</b>	<b>8</b>	<b>5</b>	<b>1.21</b>	<b>2 521</b>
1.00 or less .....	1 690	1 233	342	67	38	8	2	—	—	1.19	2 306
1.01 to 1.50 .....	29	—	—	14	7	—	—	8	—	3.57	126
1.51 or more .....	26	—	21	—	—	—	—	—	5	2.12	89
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	8 091	1 435	2 536	1 696	1 356	651	232	117	68	2.54	22 594
2 .....	7 401	2 048	2 837	1 360	789	286	72	9	—	2.08	16 475
3 and 4 .....	6 797	2 812	2 442	861	514	126	23	14	5	1.74	13 193
5 to 9 .....	9 406	3 907	3 518	1 239	505	187	26	11	13	1.73	17 769
10 to 49 .....	15 370	7 950	5 427	1 319	526	90	32	26	—	1.47	25 412
50 or more .....	5 996	4 046	1 458	334	136	16	—	6	—	1.24	8 461
Mobile home or trailer, etc. ....	388	148	125	76	28	5	4	—	2	1.87	759
<b>GROSS RENT</b> .....											
<b>Specified renter-occupied housing units</b> .....	<b>51 783</b>	<b>22 098</b>	<b>17 782</b>	<b>6 608</b>	<b>3 559</b>	<b>1 202</b>	<b>323</b>	<b>170</b>	<b>41</b>	<b>1.71</b>	<b>99 808</b>
Less than \$100 .....	1 677	1 188	288	126	59	16	—	—	—	1.21	2 512
\$100 to \$149 .....	3 155	2 002	776	144	144	42	30	11	6	1.29	4 943
\$150 to \$199 .....	7 322	4 897	1 487	545	241	74	50	28	—	1.25	11 117
\$200 to \$249 .....	14 271	7 828	5 105	825	418	62	22	11	—	1.41	22 336
\$250 to \$299 .....	11 148	3 786	5 201	1 391	555	160	35	13	7	1.84	21 587
\$300 to \$349 .....	5 706	1 051	2 475	1 414	526	170	39	15	16	2.23	13 474
\$350 to \$399 .....	3 139	425	1 157	924	426	181	10	13	3	2.49	8 204
\$400 to \$499 .....	3 121	464	770	904	689	197	70	24	3	2.86	8 810
\$500 or more .....	1 215	111	185	190	396	230	53	48	2	3.81	4 383
No cash rent .....	1 029	346	338	145	105	70	14	7	4	2.00	2 442
Median .....	\$246	\$216	\$259	\$307	\$329	\$362	\$322	\$363	\$317	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
<b>All income levels in 1979</b> .....	<b>53 449</b>	<b>22 346</b>	<b>18 343</b>	<b>6 885</b>	<b>3 854</b>	<b>1 361</b>	<b>389</b>	<b>183</b>	<b>88</b>	<b>1.74</b>	<b>104 663</b>
Median income .....	\$11 538	\$8 378	\$13 754	\$14 313	\$15 056	\$17 728	\$17 227	\$17 422	\$23 971	...	...
Median gross rent as percentage of household income .....	26.1	29.3	22.7	25.7	25.3	24.4	25.6	25.3	20.8	...	...
<b>Income in 1979 below poverty level</b> .....	<b>10 723</b>	<b>4 139</b>	<b>3 429</b>	<b>1 473</b>	<b>1 083</b>	<b>384</b>	<b>111</b>	<b>87</b>	<b>17</b>	<b>1.86</b>	<b>...</b>
Median income .....	\$3 677	\$2500—	\$4 108	\$6 115	\$7 209	\$7 163	\$6 948	\$9 539	\$6 932	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50.0	50+	34.0	38.8	38.8	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA		Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over						
Owner-occupied housing units -----																						
PERSONS IN UNIT																						
1 person -----	8 507	884	13 184	12 380	19 005	6 287	376	1 936	929	1 301	927	144	1 413	1 478	3 114	3 794	45.7					
2 persons -----	21 652	412	3 609	1 086	7 390	5 330	188	1 053	485	743	709	53	441	348	1 562	2 925	61.4					
3 persons -----	12 709	216	3 165	1 632	5 188	3 300	105	591	233	319	172	63	418	313	1 172	2 686	56.9					
4 persons -----	14 152	117	4 554	4 987	3 420	1 777	46	196	105	130	35	19	350	216	90	367	45.6					
5 persons -----	6 622	7	1 475	3 074	1 652	47	11	78	53	29	9	4	115	74	210	60	38.4					
6 or more persons -----	3 510	2	381	1 601	1 355	47	11	18	22	6	2	4	63	132	89	11	40.3					
Median -----	2 777	2 42	3 44	4 20	2 91	2 09	1 50	1 42	1 46	1 38	1 15	1 80	2 14	2 53	1 31	1 15	43.0					
Total persons -----	204 445	2 404	45 163	53 199	61 593	13 903	711	3 446	1 850	2 298	1 208	308	3 364	4 117	5 887	4 994	...					
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use -----	66 849	814	13 171	12 375	18 976	6 238	376	1 919	925	1 269	881	134	1 413	1 478	3 101	3 709	45.6					
1.01 or more persons per room -----	748	—	98	362	252	—	—	—	15	3	—	—	2	9	5	2	42.0					
Lacking complete plumbing for exclusive use -----	303	—	—	—	—	49	—	—	4	32	46	10	—	—	13	85	67.9					
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified owner-occupied housing units																						
With a mortgage -----	55 904	716	11 786	10 983	15 884	5 094	236	1 461	659	859	628	68	995	1 157	2 440	2 938	44.9					
Less than 15 percent -----	39 408	712	11 565	10 299	9 990	653	211	1 381	592	484	58	49	952	1 075	1 194	1 933	38.5					
15 to 19 percent -----	9 588	15	1 089	2 832	4 594	216	18	129	97	117	18	—	52	138	213	32	46.2					
20 to 24 percent -----	8 986	84	2 518	2 866	2 474	94	9	223	131	117	6	—	100	126	218	18	39.5					
25 to 29 percent -----	7 622	149	2 429	2 035	1 290	140	27	307	129	90	6	—	129	142	182	23	35.7					
30 to 34 percent -----	5 462	144	2 463	1 265	676	55	33	235	94	44	—	14	142	132	180	15	34.1					
35 to 34 percent -----	3 008	133	1 200	573	331	44	44	213	39	31	10	12	108	180	93	7	33.8					
35 percent or more -----	4 674	187	1 371	712	615	104	80	274	98	57	16	23	390	351	298	98	35.1					
Not computed -----	68	—	15	16	10	—	—	—	4	—	—	—	7	6	10	—	41.1					
Median -----	20.7	28.5	23.7	19.0	15.8	20.6	32.1	25.7	22.6	19.1	22.5	34.4	31.2	29.9	24.4	35.3	...					
Not mortgaged -----																						
Less than 10 percent -----	16 496	4	221	684	5 894	4 441	25	80	67	375	570	19	43	82	1 246	2 745	64.1					
10 to 14 percent -----	6 729	4	98	451	3 986	1 297	2	20	39	174	71	—	—	—	—	309	58.6					
15 to 19 percent -----	3 711	—	72	177	1 261	1 237	5	29	10	102	91	12	2	22	288	403	64.0					
20 to 24 percent -----	2 101	—	18	39	384	797	14	2	7	47	112	2	28	34	229	390	68.3					
25 to 29 percent -----	1 088	—	14	8	116	451	—	—	4	3	77	2	—	4	106	303	71.8					
30 to 29 percent -----	837	—	3	—	73	271	—	8	—	5	44	—	—	2	109	322	71.8					
30 to 34 percent -----	628	—	14	1	29	238	4	21	7	34	81	—	6	8	65	254	71.8					
35 percent or more -----	1 365	—	14	2	29	238	4	21	7	34	81	—	6	8	65	254	71.8					
Not computed -----	37	—	10.9	10	8	—	17.0	13.4	10	10.7	20.6	11.9	18.5	17.8	16.3	24.3	...					
Median -----	12.0	10	10.9	10	8	—	17.0	13.4	10	10.7	20.6	11.9	18.5	17.8	16.3	24.3	...					
Renter-occupied housing units -----																						
PERSONS IN UNIT																						
1 person -----	22 346	2 724	6 051	1 565	1 796	1 380	6 450	6 542	1 453	1 437	669	7 599	7 422	1 814	2 310	4 237	28.8					
2 persons -----	18 343	1 777	3 022	325	877	—	2 751	4 081	1 031	1 132	604	2 777	3 770	765	1 592	3 843	31.2					
3 persons -----	6 885	711	1 367	360	443	1 256	2 305	1 797	230	224	51	3 120	2 202	390	466	327	26.9					
4 persons -----	3 854	243	1 123	511	202	18	823	441	113	55	2	985	985	310	147	57	27.8					
5 persons -----	1 361	21	405	219	175	9	422	150	56	16	—	481	334	224	70	4	29.3					
6 or more persons -----	660	2	134	150	99	10	92	51	14	3	12	178	97	73	28	6	32.3					
Median -----	1 774	2.8	2.50	3.69	2.55	2.05	1.71	1.30	1.20	1.13	1.05	1.83	1.48	1.86	1.23	1.05	...					
Total persons -----	104 663	6 613	17 151	5 728	5 401	2 868	12 468	10 139	2 163	1 782	707	14 652	13 172	4 040	3 317	4 442	...					
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use -----	51 704	2 610	5 963	1 552	1 775	1 359	6 143	6 252	1 342	1 266	633	7 317	7 237	1 771	2 260	4 154	28.8					
1.01 or more persons per room -----	1 031	19	234	191	61	2	160	55	15	10	5	131	50	11	25	12	29.4					
Lacking complete plumbing for exclusive use -----	1 745	44	88	13	21	21	307	290	111	171	36	282	185	43	83	83	28.5					
1.01 or more persons per room -----	55	7	8	5	—	—	6	—	—	—	—	21	—	—	—	—	24.0					
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified renter-occupied housing units																						
Less than 15 percent -----	51 783	2 612	5 624	1 356	1 590	1 296	6 364	6 389	1 401	1 396	647	7 531	7 339	1 790	2 260	4 188	28.7					
15 to 19 percent -----	7 126	408	1 256	389	436	203	532	1 000	397	494	77	375	699	170	255	255	31.4					
20 to 24 percent -----	8 759	643	1 337	289	395	241	682	1 393	374	235	62	666	1 245	249	302	392	29.3					
25 to 29 percent -----	5 034	96	880	193	265	176	350	1 008	137	137	38	866	1 497	400	390	612	29.2					
30 to 29 percent -----	4 671	718	652	134	100	174	530	651	89	116	58	619	1 016	276	380	545	29.9					
30 to 34 percent -----	4 003	143	322	174	63	154	510	527	65	47	19	1 619	846	149	163	355	28.4					
35 to 49 percent -----	6 393	218	330	118	86	103	1 161	635	54	76	145	1 317	711	234	249	268	26.8					
50 percent or more -----	10 260	22.8	464	177	195	129	2 104	953	165	190	122	2 908	1 202	295	312	1 061	24.9					
Not computed -----	1 581	10	161	102	195	96	132	122	67	81	152	100	123	17	109	203	40.0					
Median -----	26.1	22.0	19.8	19.5	18.3	24.0	36.5	23.2	18.6	18.2	32.2	39.7	25.8	26.2	25.4	32.7	...					

Table A-11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	<b>8 507</b>	<b>3 178</b>	<b>188</b>	<b>1 053</b>	<b>485</b>	<b>743</b>	<b>709</b>	<b>5 329</b>	<b>53</b>	<b>441</b>	<b>348</b>	<b>1 562</b>	<b>2 925</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	8 353	3 107	188	1 040	485	721	673	5 246	53	441	348	1 551	2 853
Lacking complete plumbing for exclusive use .....	154	71	—	13	—	22	36	83	—	—	—	11	72
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	6 883	2 508	127	856	363	580	582	4 375	36	279	237	1 363	2 460
2 or more .....	1 204	461	28	152	87	88	106	743	15	116	90	148	374
Mobile home or trailer, etc. ....	420	209	33	45	35	75	21	211	2	46	21	51	91
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 617	328	9	52	29	60	178	1 289	5	27	20	276	961
\$5,000 to \$9,999 .....	1 980	506	42	67	27	68	302	1 474	12	47	19	292	1 104
\$10,000 to \$12,499 .....	888	248	38	61	44	63	42	640	5	53	46	256	280
\$12,500 to \$14,999 .....	735	251	23	88	48	45	47	484	3	113	29	185	154
\$15,000 to \$19,999 .....	1 475	708	43	357	83	156	69	767	23	160	110	266	208
\$20,000 to \$24,999 .....	866	575	21	243	145	144	22	291	—	27	74	121	69
\$25,000 to \$34,999 .....	579	332	6	108	65	122	31	247	5	13	19	114	96
\$35,000 to \$49,999 .....	196	127	2	52	17	45	11	69	—	—	16	24	29
\$50,000 or more .....	171	103	4	25	27	40	7	68	—	—	15	28	24
Median .....	\$11 848	\$16 382	\$13 043	\$17 840	\$20 271	\$19 160	\$7 549	\$9 624	\$15 187	\$14 569	\$18 047	\$12 080	\$6 868
Mean .....	\$14 304	\$17 935	\$14 846	\$19 376	\$21 153	\$21 660	\$10 510	\$12 139	\$14 082	\$14 358	\$20 601	\$13 915	\$9 814
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
Specified owner-occupied housing units .....	6 114	2 183	117	797	307	477	485	3 931	33	267	200	1 183	2 248
With a mortgage .....	2 363	1 337	101	740	258	210	28	1 026	26	248	182	469	101
Less than \$200 .....	93	44	—	—	26	18	—	49	—	3	—	42	4
\$200 to \$249 .....	174	64	—	28	6	23	7	110	7	26	15	44	18
\$250 to \$299 .....	251	118	7	66	18	25	2	133	4	12	17	86	14
\$300 to \$349 .....	423	214	2	114	36	50	12	209	5	34	39	99	32
\$350 to \$399 .....	322	196	24	93	48	31	—	126	—	14	21	69	22
\$400 to \$499 .....	506	290	38	166	56	30	—	216	8	78	30	90	10
\$500 to \$599 .....	319	221	20	158	24	17	2	98	—	45	37	15	1
\$600 to \$749 .....	204	134	8	80	27	14	5	70	2	31	15	22	—
\$750 or more .....	71	56	2	35	17	2	—	15	—	5	8	2	—
Median .....	\$387	\$411	\$435	\$438	\$395	\$339	\$321	\$355	\$320	\$436	\$398	\$332	\$323
Not mortgaged .....	3 751	846	16	57	49	267	457	2 905	7	19	18	714	2 147
Less than \$50 .....	2	2	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	40	21	—	—	—	15	6	19	—	—	—	—	19
\$75 to \$99 .....	208	52	—	—	2	14	36	156	—	—	2	49	105
\$100 to \$124 .....	504	177	10	11	20	49	87	327	—	6	—	75	246
\$125 to \$149 .....	743	193	—	9	5	63	116	550	—	13	8	102	427
\$150 to \$199 .....	1 425	272	—	26	20	68	158	1 153	—	—	2	324	827
\$200 to \$249 .....	531	67	—	3	2	33	29	464	7	—	—	109	348
\$250 or more .....	298	62	4	8	—	25	25	236	—	—	6	55	175
Median .....	\$163	\$147	\$115	\$166	\$138	\$147	\$146	\$167	\$225	\$132	\$147	\$170	\$167
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	26.3	24.5	35.3	28.6	22.2	16.7	22.9	27.3	33.1	31.0	26.0	23.4	28.6
With a mortgage .....	28.5	27.6	36.3	28.8	24.5	22.1	44.0	29.6	34.6	31.6	26.2	27.3	50.4
Not mortgaged .....	24.0	17.4	17.5	14.9	10.1	12.2	22.3	26.0	10.1	18.7	22.5	19.8	28.0
Income in 1979 below poverty level .....	620	152	9	52	14	30	47	468	—	15	12	123	318
Percent below poverty level .....	7.3	4.8	4.8	4.9	2.9	4.0	6.6	8.8	—	3.4	3.4	7.9	10.9
<b>Renter-occupied housing units</b> .....	<b>22 346</b>	<b>9 599</b>	<b>2 751</b>	<b>4 081</b>	<b>1 031</b>	<b>1 132</b>	<b>604</b>	<b>12 747</b>	<b>2 777</b>	<b>3 770</b>	<b>765</b>	<b>1 592</b>	<b>3 843</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	21 113	8 782	2 501	3 800	934	979	568	12 331	2 635	3 650	739	1 546	3 761
Lacking complete plumbing for exclusive use .....	1 233	817	250	281	97	153	36	416	142	120	26	46	82
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	1 435	743	144	310	92	146	51	692	115	126	35	136	280
2 .....	2 048	774	189	378	54	113	40	1 274	174	378	112	159	451
3 and 4 .....	2 812	1 116	282	506	134	148	46	1 696	317	514	122	302	441
5 to 9 .....	3 907	1 630	358	843	182	134	113	2 277	471	830	128	304	544
10 to 49 .....	7 950	3 762	1 206	1 615	409	378	154	4 188	1 195	1 511	233	456	793
50 or more .....	4 046	1 476	565	387	144	194	186	2 570	501	386	130	224	1 329
Mobile home or trailer, etc. ....	148	98	7	42	16	19	14	50	4	25	5	11	5
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	6 537	2 632	1 238	791	131	273	199	3 905	1 279	628	100	277	1 621
\$5,000 to \$9,999 .....	6 543	2 471	790	1 109	166	167	239	4 072	994	1 116	177	427	1 358
\$10,000 to \$12,499 .....	3 220	1 263	352	600	121	142	48	1 957	316	921	145	287	288
\$12,500 to \$14,999 .....	1 992	814	145	438	106	84	41	1 178	120	540	131	194	193
\$15,000 to \$19,999 .....	2 324	1 267	188	712	183	144	40	1 057	50	461	159	208	179
\$20,000 to \$24,999 .....	1 006	674	21	332	172	143	6	332	6	71	32	114	109
\$25,000 to \$34,999 .....	522	336	17	81	112	109	17	186	7	33	21	67	58
\$35,000 to \$49,999 .....	113	83	—	18	19	46	—	30	5	—	—	13	12
\$50,000 or more .....	89	59	—	—	21	24	14	30	—	—	—	5	25
Median .....	\$8 378	\$9 284	\$5 739	\$10 585	\$14 800	\$12 218	\$6 813	\$7 869	\$5 490	\$10 383	\$11 819	\$10 801	\$5 888
Mean .....	\$9 640	\$10 670	\$6 696	\$11 107	\$15 607	\$14 879	\$9 509	\$8 864	\$6 007	\$10 049	\$11 776	\$11 776	\$7 982
<b>GROSS RENT</b>													
Specified renter-occupied housing units .....	22 098	9 446	2 726	4 013	1 011	1 109	587	12 652	2 766	3 742	763	1 562	3 819
Less than \$100 .....	1 188	301	23	76	35	78	89	1 887	49	29	11	78	720
\$100 to \$149 .....	2 002	938	272	359	66	126	115	1 064	249	229	53	149	384
\$150 to \$199 .....	4 897	2 293	862	914	229	202	86	2 604	759	837	154	213	641
\$200 to \$249 .....	7 828	3 380	1 044	1 519	358	344	115	4 448	1 239	1 668	249	570	722
\$250 to \$299 .....	3 786	1 585	360	805	152	231	37	2 201	362	730	181	319	604
\$300 to \$349 .....	1 051	435	99	187	82	26	41	616	63	166	84	99	209
\$350 to \$399 .....	425	172	6	87	24	24	31	253	30	42	21	49	111
\$400 to \$499 .....	464	143	19	39	32	18	35	321	15	30	—	33	243
\$500 or more .....	111	28	—	2	—	8	18	83	—	3	—	—	170
No cash rent .....	346	171	41	25	33	52	20	175	—	8	—	52	115
Median .....	\$216	\$215	\$208	\$220	\$218	\$216	\$196	\$217	\$210	\$221	\$235	\$226	\$208
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	29.3	27.2	41.6	24.7	18.6	19.4	32.6	30.5	46.2	27.0	25.4	25.7	33.9
Income in 1979 below poverty level .....	4 139	1 889	974	572	103	197	43	2 250	1 012	450	71	174	543
Percent below poverty level .....	18.5	19.7	35.4	14.0	10.0	17.4	7.1	17.7	36.4	11.9	9.3	10.9	14.1

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for sale only housing units</b> .....	<b>970</b>	<b>302</b>	<b>342</b>	<b>326</b>
<b>ROOMS</b>				
1 to 3 rooms .....	68	10	6	52
4 rooms .....	117	28	57	32
5 rooms .....	194	93	37	64
6 rooms .....	253	71	106	76
7 rooms .....	156	69	58	29
8 or more rooms .....	182	31	78	73
Median .....	5.9	5.8	6.2	5.7
<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use .....	922	302	322	298
Locking complete plumbing for exclusive use .....	48	—	20	28
<b>BEDROOMS</b>				
None .....	—	—	—	—
1 .....	57	—	2	55
2 .....	259	68	92	99
3 .....	439	170	168	101
4 .....	195	62	68	65
5 or more .....	20	2	12	6
<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 .....	405	167	120	118
1970 to 1974 .....	86	14	51	21
1960 to 1969 .....	98	25	25	48
1950 to 1959 .....	80	36	24	20
1940 to 1949 .....	93	18	50	25
1939 or earlier .....	208	42	72	94
<b>UNITS IN STRUCTURE</b>				
1, detached or attached .....	774	263	296	215
2 or more .....	166	39	35	92
Mobile home or trailer .....	30	—	11	19
<b>HEATING EQUIPMENT</b>				
Central heating system .....	953	302	336	315
Other means .....	17	—	6	11
None .....	—	—	—	—
<b>PRICE ASKED</b>				
<b>Specified vacant for sale only housing units</b> .....	<b>717</b>	<b>249</b>	<b>261</b>	<b>207</b>
Less than \$10,000 .....	3	1	—	2
\$10,000 to \$19,999 .....	11	—	9	—
\$20,000 to \$29,999 .....	43	8	4	31
\$30,000 to \$39,999 .....	41	9	22	10
\$40,000 to \$49,999 .....	65	21	37	7
\$50,000 to \$59,999 .....	93	36	28	29
\$60,000 to \$79,999 .....	281	128	88	65
\$80,000 to \$99,999 .....	99	31	33	35
\$100,000 or more .....	81	15	40	26
Median .....	\$67 500	\$67 900	\$67 500	\$66 000

## The SMSA

	Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for rent housing units</b> .....	<b>2 485</b>	<b>1 475</b>	<b>765</b>	<b>245</b>
<b>ROOMS</b>				
1 room .....	242	163	55	24
2 rooms .....	156	88	53	15
3 rooms .....	479	291	146	42
4 rooms .....	1 043	570	353	120
5 rooms .....	382	245	119	18
6 rooms .....	123	85	23	15
7 or more rooms .....	60	33	16	11
Median .....	3.9	3.8	3.9	3.8
<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use .....	2 401	1 416	746	239
Locking complete plumbing for exclusive use .....	84	59	19	6
<b>BEDROOMS</b>				
None .....	301	177	88	36
1 .....	703	456	212	35
2 .....	1 149	639	361	149
3 .....	292	177	99	16
4 .....	30	22	5	3
5 or more .....	10	4	—	6
<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 .....	685	488	145	52
1970 to 1974 .....	424	279	94	51
1960 to 1969 .....	557	325	179	53
1950 to 1959 .....	178	106	42	30
1940 to 1949 .....	235	74	146	15
1939 or earlier .....	406	203	159	44
<b>UNITS IN STRUCTURE</b>				
1, detached or attached .....	312	174	90	48
2 .....	281	141	89	51
3 and 4 .....	221	105	94	22
5 to 9 .....	580	326	236	18
10 to 49 .....	904	644	179	81
50 or more .....	151	84	58	9
Mobile home or trailer .....	36	1	19	16
<b>RENT ASKED</b>				
<b>Specified vacant for rent housing units</b> .....	<b>2 444</b>	<b>1 453</b>	<b>752</b>	<b>239</b>
Less than \$100 .....	104	31	64	9
\$100 to \$149 .....	217	81	108	28
\$150 to \$199 .....	391	200	134	57
\$200 to \$249 .....	631	408	185	38
\$250 to \$299 .....	668	459	146	63
\$300 to \$399 .....	367	223	107	37
\$400 or more .....	66	51	8	7
Median .....	\$239	\$251	\$220	\$229

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Total</b> .....	<b>717</b>	<b>3</b>	<b>54</b>	<b>106</b>	<b>473</b>	<b>81</b>	<b>67 500</b>	<b>2 444</b>	<b>104</b>	<b>608</b>	<b>1 299</b>	<b>367</b>	<b>66</b>	<b>239</b>
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use .....	691	3	31	103	473	81	67 900	2 364	85	570	1 276	367	66	243
Locking complete plumbing for exclusive use .....	26	—	23	3	—	—	26 300	80	19	38	23	—	—	162
<b>BEDROOMS</b>														
None .....	—	—	—	—	—	—	—	301	19	199	55	28	—	187
1 .....	34	2	23	5	4	—	26 500	701	31	182	462	10	16	218
2 .....	66	1	17	28	20	—	40 800	1 125	54	190	685	166	30	258
3 .....	408	—	14	59	325	10	66 500	284	—	31	72	149	12	312
4 .....	189	—	—	5	118	66	94 200	26	—	3	3	12	8	358
5 or more .....	20	—	—	9	6	5	51 300	7	—	3	2	2	—	231
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980 .....	343	—	—	5	292	46	73 100	683	31	79	338	183	52	269
1970 to 1974 .....	53	—	—	—	41	12	69 000	403	6	82	240	75	—	259
1960 to 1969 .....	52	2	—	—	42	8	77 500	557	—	82	421	54	—	240
1950 to 1959 .....	61	1	—	20	38	2	58 100	177	6	55	112	4	—	216
1940 to 1949 .....	81	—	17	39	15	10	41 300	235	42	113	55	25	—	158
1939 or earlier .....	127	—	37	42	45	3	42 900	389	19	197	133	26	14	186
<b>UNITS IN STRUCTURE</b>														
1, detached or attached .....	717	3	54	106	473	81	67 500	271	—	55	115	67	34	272
2 or more .....	—	—	—	—	—	—	—	2 137	103	533	1 169	300	32	236
Mobile home or trailer .....	—	—	—	—	—	—	—	36	1	20	15	—	—	160

Table B—1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## Madison city

Madison city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Medion (dollars)	Meon (dollars)
Specified awner-occupied housing units -----	28 429	19	78	706	2 504	5 621	6 453	8 679	2 610	1 485	274	58 100	62 400
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	21 639	--	44	272	1 372	3 861	5 000	7 186	2 324	1 332	248	60 500	65 300
15 to 24 years -----	323	--	--	13	52	105	95	52	6	--	--	49 100	50 400
25 to 34 years -----	4 993	--	--	15	319	961	1 536	1 771	251	132	8	57 800	60 100
35 to 44 years -----	5 014	--	--	3	117	680	968	1 907	742	502	95	66 400	72 700
45 to 64 years -----	8 556	--	30	153	513	1 452	1 936	2 652	1 105	589	126	61 100	66 700
65 years and over -----	2 753	--	14	88	371	663	465	804	220	109	19	54 600	58 800
Male householder, no wife present -----	2 243	9	13	125	397	619	412	509	80	58	21	49 300	53 500
15 to 24 years -----	107	3	--	8	44	22	12	18	--	--	--	39 800	43 500
25 to 34 years -----	951	--	--	14	145	321	226	194	48	--	3	49 900	52 600
35 to 44 years -----	369	--	--	28	42	80	70	104	13	32	--	53 700	58 600
45 to 64 years -----	467	6	--	19	91	118	47	129	19	26	12	50 000	57 600
65 years and over -----	349	--	13	56	75	78	57	64	--	--	6	43 000	47 900
Female householder, no husband present -----	4 547	10	21	309	735	1 141	1 041	984	206	95	5	50 500	52 800
15 to 24 years -----	29	--	--	--	--	12	--	11	6	--	--	61 100	60 900
25 to 34 years -----	598	5	--	22	89	148	180	119	15	20	--	51 700	53 200
35 to 44 years -----	727	--	--	12	69	201	223	164	29	26	3	53 200	57 500
45 to 64 years -----	1 424	5	7	67	223	317	319	348	116	22	--	52 000	54 600
65 years and over -----	1 769	--	14	208	354	463	319	342	40	27	2	47 300	49 300
Median age -----	47.1	46.5	65.8	64.9	55.8	48.6	44.3	45.0	47.4	45.6	47.4	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	2 912	--	--	40	214	511	735	942	275	148	47	59 400	64 800
1975 to 1978 -----	7 778	13	1	79	550	1 358	1 768	2 734	698	511	66	60 600	64 900
1970 to 1974 -----	4 808	6	19	109	372	893	1 034	1 347	585	377	66	59 700	65 600
1960 to 1969 -----	6 935	--	27	121	523	1 290	1 616	2 244	712	323	79	59 200	63 200
1959 or earlier -----	5 996	--	31	357	845	1 569	1 300	1 412	340	126	16	51 300	54 300
ROOMS													
1 to 3 rooms -----	162	9	9	50	47	16	13	6	12	--	--	32 500	36 800
4 rooms -----	1 888	5	23	345	612	590	210	88	9	6	--	39 400	40 100
5 rooms -----	7 024	5	30	164	976	2 560	2 244	963	57	25	--	49 200	49 800
6 rooms -----	7 767	--	16	113	669	1 529	2 349	2 739	249	88	15	56 200	57 100
7 rooms -----	5 463	--	--	27	151	668	1 056	2 661	704	171	25	65 200	67 100
8 or more rooms -----	6 125	--	--	7	49	258	581	2 222	1 579	1 195	234	79 600	86 800
Median -----	6.2	3.6	4.7	4.4	5.1	5.4	5.8	6.7	7.8	8.5+	8.5+	...	...
BEDROOMS													
None -----	--	--	--	--	--	--	--	--	--	--	--	--	--
1 -----	462	9	24	139	83	78	77	38	8	6	--	35 200	39 900
2 -----	4 702	5	38	388	1 216	1 442	878	626	73	27	9	44 900	46 600
3 -----	16 296	5	16	157	1 053	3 426	4 532	5 640	1 016	421	30	57 600	59 900
4 -----	5 862	--	--	22	139	595	894	2 091	1 248	734	139	71 800	77 300
5 or more -----	1 107	--	--	--	13	80	72	284	265	297	96	86 500	95 700
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	2 555	--	--	--	--	40	464	1 162	512	295	82	72 000	81 300
1970 to 1974 -----	1 685	11	--	16	7	169	300	580	272	269	61	71 400	79 000
1960 to 1969 -----	6 818	5	--	7	110	999	1 782	2 527	888	428	72	62 900	68 200
1950 to 1959 -----	7 495	--	16	74	579	2 099	2 102	2 078	380	149	18	54 000	57 300
1940 to 1949 -----	3 251	--	7	160	637	868	669	743	126	38	3	49 400	51 800
1939 or earlier -----	6 625	3	55	449	1 171	1 446	1 136	1 589	432	306	38	51 400	55 900
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	876	6	19	144	242	169	165	106	12	10	3	41 400	44 600
\$5,000 to \$9,999 -----	1 871	--	12	147	378	631	360	291	33	17	2	46 600	47 900
\$10,000 to \$12,499 -----	1 038	5	7	52	177	320	206	216	50	5	--	48 400	51 300
\$12,500 to \$14,999 -----	1 443	8	10	78	258	502	260	259	38	30	--	47 600	50 500
\$15,000 to \$19,999 -----	3 612	--	12	106	457	1 040	1 068	706	164	59	--	51 500	53 900
\$20,000 to \$24,999 -----	4 742	--	6	105	428	1 089	1 423	1 440	204	41	6	55 000	56 200
\$25,000 to \$34,999 -----	7 595	--	7	56	403	1 394	1 905	3 038	564	196	32	60 100	61 800
\$35,000 to \$49,999 -----	4 812	--	--	10	112	415	874	1 992	937	447	25	70 000	73 000
\$50,000 or more -----	2 440	--	5	8	49	61	192	631	608	680	206	88 900	97 000
Median -----	\$25 720	\$11 750	\$12 750	\$12 821	\$16 716	\$20 548	\$24 119	\$28 928	\$37 469	\$47 313	\$69 622	...	...
Meon -----	\$28 587	\$9 694	\$16 061	\$14 568	\$18 438	\$21 056	\$25 324	\$30 646	\$40 001	\$54 243	\$80 726	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	19 883	5	24	274	1 410	3 600	4 670	6 493	1 979	1 209	219	59 900	64 600
Less than 15 percent -----	5 252	--	5	58	305	842	1 167	1 652	680	433	110	62 300	68 700
15 to 19 percent -----	4 495	--	5	43	341	819	989	1 565	401	290	42	60 500	64 600
20 to 24 percent -----	3 641	--	7	59	212	604	860	1 379	311	183	26	60 800	64 000
25 to 29 percent -----	2 743	--	--	19	202	509	693	902	267	133	18	59 200	63 200
30 to 34 percent -----	1 424	5	--	37	115	332	357	357	132	81	8	56 000	61 600
35 percent or more -----	2 309	--	7	58	235	481	604	632	188	89	15	55 700	60 100
Not computed -----	19	--	--	--	--	13	--	6	--	--	--	47 100	50 400
Median -----	20.3	32.5	21.4	23.1	21.4	21.1	21.0	20.1	18.9	18.0	15.0	...	...
Not mortgaged -----	8 546	14	54	432	1 094	2 021	1 783	2 186	631	276	55	53 200	57 100
Less than 10 percent -----	3 427	--	--	81	343	637	794	1 044	351	145	32	57 900	62 100
10 to 14 percent -----	1 955	8	20	126	193	526	376	455	146	84	21	52 400	57 700
15 to 19 percent -----	1 149	6	7	38	201	348	160	327	50	12	--	49 400	53 300
20 to 24 percent -----	561	--	5	36	99	117	155	125	24	--	--	51 500	51 200
25 to 29 percent -----	453	--	2	21	81	146	68	84	34	17	--	48 500	54 100
30 to 34 percent -----	333	--	14	36	42	82	80	65	8	6	--	49 100	49 000
35 percent or more -----	648	--	6	88	130	165	141	86	18	12	2	45 900	47 700
Not computed -----	20	--	--	6	5	--	9	--	--	--	--	39 000	39 400
Median -----	12.1	14.4	20.0	15.8	15.2	13.6	11.2	10.5	10--	10--	10--	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	28 410	19	78	698	2 504	5 621	6 448	8 673	2 610	1 485	274	58 100	62 400
1.01 or more persons per room -----	213	--	--	13	30	72	51	38	--	--	--	48 000	48 200
Lacking complete plumbing for exclusive use -----	19	--	--	8	--	--	5	6	--	--	--	51 500	42 500
1.01 or more persons per room -----	--	--	--	--	--	--	--	--	--	--	--	--	--
Heating equipment -----	28 429	19	78</										

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

**Madison city**

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units</b> .....	<b>33 956</b>	<b>1 314</b>	<b>2 534</b>	<b>5 551</b>	<b>8 463</b>	<b>6 620</b>	<b>3 643</b>	<b>2 102</b>	<b>2 248</b>	<b>980</b>	<b>501</b>	<b>243</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>6 814</b>	<b>100</b>	<b>551</b>	<b>891</b>	<b>1 362</b>	<b>1 372</b>	<b>1 034</b>	<b>498</b>	<b>547</b>	<b>238</b>	<b>221</b>	<b>264</b>
15 to 24 years.....	1 279	21	136	156	460	268	178	19	31	4	6	237
25 to 34 years.....	3 174	50	329	503	565	616	496	255	244	62	54	260
35 to 44 years.....	726	10	38	121	113	152	70	71	81	46	24	281
45 to 64 years.....	823	6	19	50	123	154	142	74	113	50	92	305
65 years and over.....	612	13	29	61	101	182	148	79	78	76	45	299
<b>Male householder, no wife present</b> .....	<b>11 260</b>	<b>300</b>	<b>869</b>	<b>2 148</b>	<b>3 025</b>	<b>1 968</b>	<b>995</b>	<b>714</b>	<b>751</b>	<b>382</b>	<b>108</b>	<b>236</b>
15 to 24 years.....	4 787	61	320	875	1 201	828	497	325	390	248	42	246
25 to 34 years.....	4 299	105	331	844	1 256	797	355	251	244	94	22	233
35 to 44 years.....	900	30	56	205	240	116	79	91	50	12	21	231
45 to 64 years.....	877	47	92	167	263	192	43	14	26	10	23	221
65 years and over.....	397	57	70	57	65	35	21	33	41	18	—	213
<b>Female householder, no husband present</b> .....	<b>15 882</b>	<b>914</b>	<b>1 114</b>	<b>2 512</b>	<b>4 076</b>	<b>3 280</b>	<b>1 614</b>	<b>890</b>	<b>950</b>	<b>360</b>	<b>172</b>	<b>240</b>
15 to 24 years.....	5 520	135	363	825	1 491	1 038	600	415	432	215	6	248
25 to 34 years.....	4 818	111	345	917	1 472	1 088	470	223	144	35	13	235
35 to 44 years.....	1 114	36	69	167	231	259	143	67	105	28	9	257
45 to 64 years.....	1 552	78	105	172	506	341	174	85	44	7	40	239
65 years and over.....	2 878	554	232	431	376	554	227	100	225	75	104	228
<b>Median age</b> .....	<b>28.4</b>	<b>60.7</b>	<b>28.2</b>	<b>28.1</b>	<b>27.5</b>	<b>28.8</b>	<b>28.3</b>	<b>28.2</b>	<b>29.1</b>	<b>26.0</b>	<b>51.2</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	19 284	558	1 389	2 985	4 660	3 807	2 163	1 417	1 510	722	73	250
1975 to 1978.....	10 455	478	783	1 847	2 756	2 013	1 127	494	620	222	125	238
1970 to 1974.....	2 212	145	184	379	626	379	218	137	48	24	72	232
1960 to 1969.....	1 410	93	134	197	325	381	106	33	47	6	88	237
1959 or earlier.....	595	50	44	143	96	40	29	21	23	6	143	195
<b>ROOMS</b>												
1 room.....	3 454	195	895	1 401	824	74	11	12	16	—	26	172
2 rooms.....	3 853	175	540	1 097	1 273	548	93	37	44	29	17	204
3 rooms.....	8 135	604	608	1 786	2 766	1 359	404	198	332	50	28	217
4 rooms.....	9 282	214	209	830	2 401	3 178	1 539	536	231	67	77	263
5 rooms.....	5 514	81	158	295	978	1 143	1 172	765	655	121	146	301
6 rooms.....	2 344	30	67	92	173	261	327	423	615	299	57	373
7 or more rooms.....	1 374	15	57	50	48	57	97	131	355	414	150	444
<b>Median</b> .....	<b>3.7</b>	<b>3.0</b>	<b>2.2</b>	<b>2.7</b>	<b>3.3</b>	<b>3.9</b>	<b>4.4</b>	<b>4.9</b>	<b>5.3</b>	<b>6.2</b>	<b>5.2</b>	<b>...</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979</b> .....	<b>33 956</b>	<b>1 314</b>	<b>2 534</b>	<b>5 551</b>	<b>8 463</b>	<b>6 620</b>	<b>3 643</b>	<b>2 102</b>	<b>2 248</b>	<b>980</b>	<b>501</b>	<b>243</b>
Complete plumbing for exclusive use.....	32 595	1 168	1 965	5 204	8 348	6 505	3 597	2 102	2 231	980	495	246
0.50 or less.....	20 195	896	740	2 784	5 626	4 713	2 237	1 233	1 212	411	343	249
0.51 to 1.00.....	11 577	226	1 157	2 172	2 588	1 660	1 281	827	953	563	150	242
1.01 to 1.50.....	423	17	29	110	50	90	36	29	54	6	2	252
1.51 or more.....	400	29	39	138	84	42	43	13	12	—	—	197
Locking complete plumbing for exclusive use.....	1 361	146	569	347	115	115	46	—	17	—	6	148
0.50 or less.....	378	19	95	99	58	77	23	—	7	—	—	186
0.51 to 1.00.....	948	121	466	240	50	32	23	—	10	—	6	142
1.01 to 1.50.....	14	—	8	—	—	6	—	—	—	—	—	139
1.51 or more.....	21	6	—	8	7	—	—	—	—	—	—	156
<b>Income in 1979 below poverty level</b> .....	<b>8 352</b>	<b>515</b>	<b>873</b>	<b>1 655</b>	<b>1 867</b>	<b>1 200</b>	<b>705</b>	<b>541</b>	<b>590</b>	<b>328</b>	<b>78</b>	<b>228</b>
Complete plumbing for exclusive use.....	7 753	454	609	1 513	1 806	1 151	699	541	580	328	72	234
1.01 or more persons per room.....	384	33	40	106	68	53	32	28	22	2	—	207
Locking complete plumbing for exclusive use.....	599	61	264	142	61	49	6	—	10	—	6	146
1.01 or more persons per room.....	7	—	—	—	7	—	—	—	—	—	—	213
<b>BEDROOMS</b>												
None.....	3 940	210	945	1 674	937	81	39	12	16	—	26	175
1.....	12 129	743	1 133	2 475	4 546	2 275	349	183	297	65	63	217
2.....	12 554	289	237	1 190	2 758	3 734	2 438	1 005	588	159	156	271
3.....	4 297	58	192	175	184	503	774	876	1 101	265	169	360
4.....	777	14	21	29	38	14	34	26	228	310	63	479
5 or more.....	259	—	6	8	—	13	9	—	18	181	24	500+
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	3 502	83	121	152	324	362	515	469	668	465	343	352
2.....	4 330	49	125	622	951	729	677	480	524	158	15	274
3 and 4.....	6 070	80	361	880	1 801	1 198	495	328	283	125	19	240
5 to 9.....	5 613	274	507	1 036	1 607	1 393	674	250	166	52	54	237
10 to 49.....	9 035	253	937	1 979	2 580	1 864	820	326	161	58	57	234
50 or more.....	5 418	569	480	850	1 192	1 041	462	249	446	122	7	236
Mobile home or trailer, etc.....	88	6	3	32	18	33	—	—	—	—	6	212
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	3 615	412	208	235	457	703	445	291	632	220	12	285
1970 to 1974.....	4 657	148	139	534	1 171	1 172	765	367	260	80	21	264
1960 to 1969.....	9 545	368	669	1 451	2 779	2 226	927	538	391	58	138	241
1950 to 1959.....	4 936	31	449	999	1 421	1 008	401	265	152	103	107	234
1940 to 1949.....	3 345	111	216	625	1 004	455	365	164	265	90	50	232
1939 or earlier.....	7 858	244	853	1 707	1 631	1 056	740	477	548	429	173	228
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	28 816	979	1 998	4 501	7 105	5 891	3 346	1 873	1 795	827	501	247
4 or more.....	5 140	335	536	1 050	1 358	729	297	229	453	153	—	227
With elevator.....	3 604	317	383	582	899	559	201	190	366	107	—	233
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	4 159	368	558	639	1 054	834	344	203	114	45	...	223
15 to 19 percent.....	5 246	216	319	846	1 424	1 164	689	306	222	60	...	244
20 to 24 percent.....	4 983	325	316	688	1 335	1 077	627	271	232	112	...	243
25 to 29 percent.....	3 608	189	277	563	918	643	469	215	239	95	...	243
30 to 34 percent.....	2 617	43	163	508	587	552	257	179	225	103	...	251
35 to 49 percent.....	4 525	82	338	668	1 069	874	495	383	424	192	...	255
50 percent or more.....	7 875	69	470	1 521	1 967	1 421	735	543	776	373	...	248
Not computed.....	943	22	93	118	109	55	27	2	16	—	501	195
<b>Median</b> .....	<b>27.9</b>	<b>21.0</b>	<b>25.5</b>	<b>29.8</b>	<b>27.0</b>	<b>26.6</b>	<b>26.6</b>	<b>31.5</b>	<b>37.3</b>	<b>39.4</b>	<b>...</b>	<b>...</b>
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>33 941</b>	<b>1 305</b>	<b>2 534</b>	<b>5 551</b>	<b>8 463</b>	<b>6 620</b>	<b>3 637</b>	<b>2 102</b>	<b>2 248</b>	<b>980</b>	<b>501</b>	<b>243</b>
Central heating system.....	33 370	1 258	2 483	5 448	8 340	6 485	3 614	2 062	2 214	980	486	243
Air conditioning.....	18 625	390	821	2 260	5 219	4 683	2 233	1 160	1 146	409	304	254
Central system.....	3 368	46	197	242	478	556	571	432	520	224	102	310

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Madison city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	32 343	1 085	2 329	1 367	1 779	4 261	5 329	8 186	5 268	2 739	25 023	28 068	719
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	23 676	185	843	559	990	2 730	4 098	7 065	4 752	2 454	28 026	31 543	246
15 to 24 years	369	—	7	21	21	105	130	68	6	11	20 941	22 136	—
25 to 34 years	5 504	64	97	77	165	953	1 399	1 898	660	191	24 989	26 659	89
35 to 44 years	5 371	24	41	60	130	355	840	1 913	1 396	612	30 719	34 974	34
45 to 64 years	9 315	40	229	107	249	824	1 373	2 772	2 344	1 377	31 351	35 636	66
65 years and over	3 117	57	469	294	425	493	356	414	346	263	18 099	23 139	57
Male householder, no wife present	2 890	164	317	169	183	574	555	497	277	154	20 274	22 837	120
15 to 24 years	156	18	35	19	27	16	20	16	5	—	13 056	14 673	31
25 to 34 years	1 199	48	48	41	60	323	293	243	115	28	21 069	22 454	61
35 to 44 years	461	9	18	36	28	67	140	72	38	53	21 694	27 748	5
45 to 64 years	619	11	39	33	25	102	102	147	104	56	24 899	29 132	13
65 years and over	455	78	177	40	43	66	—	19	15	17	8 942	13 105	10
Female householder, no husband present	5 777	736	1 169	639	606	957	676	624	239	131	13 921	16 442	353
15 to 24 years	88	5	11	6	6	30	6	24	—	—	16 538	17 958	15
25 to 34 years	837	53	126	92	129	160	112	99	59	7	15 487	17 997	63
35 to 44 years	935	45	82	127	107	210	149	107	64	44	17 626	20 813	48
45 to 64 years	1 754	164	240	182	199	351	238	258	63	59	16 127	18 435	62
65 years and over	2 163	469	710	232	165	206	171	136	53	21	9 094	12 273	165
Median age	47.1	68.1	67.9	60.6	57.2	42.9	40.4	43.1	47.0	50.1	...	...	47.2
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	3 577	82	152	127	187	698	693	937	504	197	23 711	26 065	100
1975 to 1978	9 042	192	297	287	371	1 270	1 890	2 623	1 384	728	25 678	28 757	210
1970 to 1974	5 501	170	350	231	290	655	884	1 379	916	626	26 068	30 119	141
1960 to 1969	7 442	160	482	296	349	814	1 056	1 997	1 512	776	27 950	30 986	74
1959 or earlier	6 781	481	1 048	426	582	824	806	1 250	952	412	20 157	23 340	194
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	32 262	1 063	2 313	1 345	1 779	4 261	5 324	8 170	5 268	2 739	25 049	28 108	704
1.01 or more persons per room	254	—	—	6	26	47	38	62	58	17	26 563	37 662	—
Lacking complete plumbing for exclusive use	81	22	16	22	—	—	5	16	—	—	10 284	11 948	15
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	32 336	1 085	2 329	1 367	1 779	4 261	5 329	8 186	5 261	2 739	25 019	28 066	719
Central heating system	31 799	1 041	2 272	1 328	1 751	4 160	5 234	8 057	5 228	2 728	25 122	28 189	687
Air conditioning	18 338	465	1 277	640	994	2 266	2 614	4 712	3 240	2 130	26 715	30 448	340
Central system	9 257	185	379	212	362	868	1 159	2 375	2 111	1 606	30 765	35 795	152
Vehicles available	30 680	595	1 781	1 139	1 685	4 127	5 253	8 111	5 261	2 728	25 816	29 051	525
1	12 054	447	1 415	845	1 210	2 281	2 205	2 099	1 096	456	19 594	21 952	312
2 or more	18 626	148	366	294	475	1 846	3 048	6 012	4 165	2 272	29 862	33 646	213
House heating fuel	32 336	1 085	2 329	1 367	1 779	4 261	5 329	8 186	5 261	2 739	25 019	28 066	719
Utility gas	24 411	738	1 578	953	1 292	2 977	3 995	6 404	4 141	2 333	25 948	29 201	493
Bottled, tank, or LP gas	247	17	35	18	22	65	38	27	18	7	16 312	18 672	5
Electricity	331	19	46	14	14	39	76	60	42	21	21 469	23 231	14
Fuel oil, kerosene, etc.	7 215	311	670	382	441	1 135	1 191	1 667	1 040	378	22 812	24 822	207
Other	132	—	—	—	10	45	29	28	20	—	23 448	25 030	—
Median rooms	6.1	5.1	5.3	5.4	5.2	5.6	5.8	6.2	6.9	7.9	...	...	5.4
Specified owner-occupied housing units	28 429	876	1 871	1 038	1 443	3 612	4 742	7 595	4 812	2 440	25 720	28 587	545
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	19 883	344	568	516	737	2 581	3 753	5 950	3 598	1 836	27 035	30 186	366
Less than \$200	190	44	—	6	27	44	41	4	19	5	16 216	18 431	18
\$200 to \$249	683	36	92	50	33	114	140	140	68	10	20 724	21 032	15
\$250 to \$299	1 940	12	87	103	151	293	398	568	259	69	23 750	25 595	12
\$300 to \$349	2 544	57	95	79	133	424	540	756	377	83	24 356	25 899	63
\$350 to \$399	2 831	46	89	94	149	425	586	843	438	161	24 811	27 941	82
\$400 to \$449	4 838	81	118	82	116	759	1 065	1 503	775	339	25 711	28 553	85
\$450 to \$499	3 225	25	38	58	59	339	595	1 115	673	323	28 207	31 816	17
\$500 to \$549	2 325	34	28	39	47	135	248	788	635	371	30 093	36 987	54
\$550 to \$599	1 307	9	21	5	22	48	140	233	354	475	34 980	46 619	20
\$600 to \$649	1 307	9	21	5	22	48	140	233	354	475	34 980	46 619	20
\$750 or more	1 307	9	21	5	22	48	140	233	354	475	34 980	46 619	20
Median	\$433	\$375	\$356	\$361	\$358	\$399	\$415	\$441	\$483	\$578	...	...	\$396
Not mortgaged	8 546	532	1 303	522	706	1 031	989	1 645	1 214	604	20 803	24 868	179
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	16	7	9	—	—	—	—	—	—	—	5 278	5 299	—
\$75 to \$99	98	28	32	—	—	10	7	6	8	7	7 708	14 659	19
\$100 to \$124	378	110	130	17	15	24	40	11	31	—	7 297	11 678	25
\$125 to \$149	1 062	106	285	105	135	141	80	141	59	10	13 148	15 938	29
\$150 to \$199	3 380	212	598	235	303	447	467	713	323	82	18 558	20 657	75
\$200 to \$249	2 175	65	204	88	183	265	261	487	423	199	25 351	27 987	27
\$250 or more	1 437	4	45	77	70	144	134	287	370	306	33 029	41 037	4
Median	\$190	\$154	\$166	\$180	\$183	\$188	\$189	\$197	\$222	\$250+	...	...	\$161
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	19 883	344	568	516	737	2 581	3 753	5 950	3 598	1 836	27 035	30 186	366
Less than 15 percent	5 252	—	—	—	6	55	308	1 563	1 872	1 448	39 007	45 138	—
15 to 19 percent	4 495	—	—	6	39	318	954	1 927	971	280	29 170	31 476	5
20 to 24 percent	3 641	—	—	20	96	565	1 042	1 364	488	66	25 475	26 721	—
25 to 29 percent	2 743	—	26	67	175	638	800	800	208	29	22 690	23 828	—
30 to 34 percent	1 424	11	41	106	164	475	352	209	53	13	18 932	20 326	6
35 percent or more	2 309	314	501	317	257	530	297	87	6	—	12 719	13 033	336
Not computed	19	19	—	—	—	—	—	—	—	—	2500—	—	19
Median	20.3	50+	50+	38.4	31.6	27.8	22.9	18.7	14.7	11.4	...	...	50+
Not mortgaged	8 546	532	1 303	522	706	1 031	989	1 645	1 214	604	20 803	24 868	179
Less than 10 percent	3 427	—	—	—	—	85	412	1 222	1 118	590	34 945	40 689	—
10 to 14 percent	1 955	—	31	72	233	616	511	382	96	14	20 210	21 392	—
15 to 19 percent	1 149	7	219	215	323	278	66	41	—	—	13 533	14 012	6
20 to 24 percent	561	—	292	117	117	35	—	—	—	—	9 868	10 440	4
25 to 29 percent	453	30	312	74	20	17	—	—	—	—	8 022	8 463	12
30 to 34 percent	333	63	227	30	13	—	—	—	—	—	6 737	7 325	—
35 percent or more	648	412	222	14	—	—	—	—	—	—	4 327	4 680	137
Not computed	20	20	—	—	—	—	—	—	—	—	2500—	—	20
Median	12.1	48.6	26.8	19.4	16.9	13.5	10.8	10—	10—	10—	...	...	50+

Table B —4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Madison city

Renter-occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	6 860	505	1 234	796	796	1 375	1 065	754	261	74	15 332	16 842	676
15 to 24 years	1 279	128	313	231	176	211	174	39	7	—	12 148	12 907	151
25 to 34 years	3 182	276	542	316	408	674	518	383	55	10	15 343	15 991	375
35 to 44 years	735	64	115	94	66	125	118	101	35	17	16 397	18 199	109
45 to 64 years	848	4	80	54	68	185	179	156	91	31	20 859	23 244	16
65 years and over	816	33	184	101	78	180	76	75	73	16	15 278	18 454	25
Male householder, no wife present	11 291	2 736	2 922	1 280	967	1 419	1 037	645	221	64	9 975	11 939	3 299
15 to 24 years	4 791	1 542	1 450	542	356	461	287	99	51	3	7 475	9 380	2 228
25 to 34 years	4 312	740	1 042	506	441	671	476	307	111	18	11 848	13 292	778
35 to 44 years	912	145	155	85	70	160	136	117	39	5	15 022	15 662	129
45 to 64 years	877	201	124	108	69	95	130	105	13	32	12 699	15 932	148
65 years and over	399	108	151	39	31	32	8	17	7	6	7 601	10 768	16
Female householder, no husband present	15 957	4 187	4 621	2 079	1 621	1 833	814	599	132	71	9 001	10 499	4 412
15 to 24 years	5 539	1 974	1 700	607	408	516	152	132	31	19	7 098	8 698	2 817
25 to 34 years	4 833	805	1 326	797	636	641	339	230	54	5	10 896	11 811	882
35 to 44 years	1 121	119	271	203	167	243	52	66	—	—	12 100	12 560	185
45 to 64 years	1 572	221	419	225	217	212	147	101	20	10	11 622	13 111	170
65 years and over	2 892	1 068	905	247	193	221	124	70	27	37	6 610	9 539	358
Median age	28.4	25.3	27.5	28.3	28.8	29.6	30.4	32.3	34.9	55.3	...	...	23.8

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	19 324	5 104	5 391	2 264	1 757	2 209	1 361	910	284	44	9 121	10 926	6 322
1975 to 1978	10 524	1 640	2 407	1 410	1 095	1 784	1 121	752	206	109	12 154	13 856	1 605
1970 to 1974	2 238	319	543	268	264	393	227	154	44	26	12 397	13 871	226
1960 to 1969	1 418	257	309	95	209	165	174	136	54	19	13 074	14 878	136
1959 or earlier	604	108	127	118	59	76	33	46	26	11	11 419	14 555	98

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	32 747	6 741	8 424	4 024	3 310	4 548	2 884	1 998	614	204	10 751	12 484	7 788
0.50 or less	20 282	3 998	4 898	2 586	2 203	2 942	1 931	1 251	348	125	11 204	12 731	3 328
0.51 to 1.00	11 635	2 583	3 264	1 357	1 017	1 503	882	713	244	72	9 949	12 084	4 069
1.01 to 1.50	430	48	122	75	57	89	11	4	17	7	11 500	12 919	196
1.51 or more	400	112	140	6	33	14	60	30	5	—	7 472	11 134	195
Locking complete plumbing for exclusive use	1 361	687	353	131	74	79	32	—	—	5	4 953	6 659	599
0.50 or less	378	140	102	61	24	35	11	—	—	5	6 494	9 059	109
0.51 to 1.00	948	540	237	62	44	44	21	—	—	—	4 337	5 589	483
1.01 to 1.50	14	—	8	—	6	—	—	—	—	—	9 688	11 289	—
1.51 or more	21	7	6	8	—	—	—	—	—	—	8 958	8 700	7

SELECTED CHARACTERISTICS

Heating equipment	34 093	7 423	8 777	4 155	3 384	4 621	2 912	1 998	614	209	10 509	12 251	8 383
Central heating system	33 516	7 234	8 598	4 092	3 351	4 568	2 891	1 981	592	209	10 566	12 293	8 128
Air conditioning	18 687	3 723	4 292	2 312	1 915	2 711	1 872	1 322	374	166	11 437	13 213	3 805
Central system	3 408	485	612	396	329	521	484	380	150	51	14 103	16 254	480
Vehicles available	24 278	3 099	5 663	3 176	2 933	4 092	2 696	1 869	590	160	12 671	14 210	4 357
1	17 824	2 837	4 767	2 584	2 219	2 685	1 551	895	226	60	11 265	12 439	3 394
2 or more	6 454	262	896	592	714	1 407	1 145	974	364	100	17 393	19 102	963
House heating fuel	34 093	7 423	8 777	4 155	3 384	4 621	2 912	1 998	614	209	10 509	12 251	8 383
Utility gas	22 828	4 687	5 755	2 792	2 347	3 191	2 030	1 387	491	148	10 870	12 602	5 477
Bottled, tank, or LP gas	428	109	138	37	72	28	36	8	—	—	9 063	10 031	132
Electricity	5 791	1 521	1 552	711	498	650	406	337	73	43	9 283	11 424	1 510
Fuel oil, kerosene, etc.	4 758	1 023	1 228	586	453	738	416	246	50	18	10 546	11 928	1 170
Other	288	83	104	29	14	14	20	—	—	—	8 464	9 767	94
Median rooms	3.7	2.7	3.4	3.7	4.0	4.1	4.3	4.5	4.9	4.3	...	...	3.3

Specified renter-occupied housing units

CONTRACT RENT

Less than \$100	1 743	889	566	85	96	52	28	19	8	—	4 936	6 407	672
\$100 to \$149	3 715	1 374	1 266	435	220	217	112	58	31	2	6 658	8 025	1 220
\$150 to \$199	7 147	2 172	2 059	1 009	676	719	274	200	38	—	8 259	9 374	1 749
\$200 to \$249	9 054	1 503	2 374	1 301	979	1 501	844	416	93	43	11 249	12 332	1 828
\$250 to \$299	5 753	784	1 152	676	703	1 020	771	510	118	19	13 441	14 563	1 065
\$300 to \$349	2 925	303	537	240	292	558	485	331	141	38	15 732	16 883	655
\$350 to \$399	1 387	119	262	168	170	228	168	149	86	37	14 625	17 539	402
\$400 to \$499	1 235	157	354	167	108	145	108	143	42	11	11 594	14 650	460
\$500 or more	496	26	82	34	62	115	59	67	22	29	16 392	21 357	223
No cash rent	501	81	111	30	73	42	59	63	24	18	13 476	17 250	78
Median	\$223	\$184	\$209	\$219	\$231	\$243	\$260	\$273	\$301	\$334	...	...	\$213

GROSS RENT

Less than \$100	1 314	768	405	39	43	39	10	7	3	—	4 550	5 588	515
\$100 to \$149	2 534	1 022	871	221	122	131	108	51	8	—	6 090	7 584	873
\$150 to \$199	5 551	1 944	1 881	749	381	387	120	78	11	—	7 136	7 993	1 655
\$200 to \$249	8 463	1 780	2 241	1 362	1 006	1 192	543	266	60	13	10 386	10 997	1 867
\$250 to \$299	6 620	935	1 585	770	747	1 227	745	471	98	42	12 567	13 784	1 200
\$300 to \$349	3 643	428	598	407	418	732	586	340	102	32	14 824	15 678	705
\$350 to \$399	2 102	199	410	237	248	277	323	271	126	11	14 567	16 896	541
\$400 to \$499	2 248	225	493	221	252	386	284	234	112	41	14 335	16 549	590
\$500 or more	980	26	168	109	89	184	130	175	59	40	17 379	21 149	328
No cash rent	501	81	111	30	73	42	59	63	24	18	13 476	17 250	78
Median	\$243	\$198	\$225	\$238	\$256	\$268	\$293	\$311	\$353	\$361	...	...	\$228

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent	4 159	39	195	170	268	712	961	1 149	486	179	23 377	25 610	178
15 to 19 percent	5 246	62	391	590	697	1 708	1 181	533	84	—	17 366	17 801	180
20 to 24 percent	4 983	262	818	982	1 093	1 191	474	154	9	—	13 482	13 809	264
25 to 29 percent	3 608	225	1 116	999	587	483	154	44	—	—	11 159	11 552	284
30 to 34 percent	2 617	134	1 326	564	259	259	67	13	—	—	9 512	10 179	277
35 to 49 percent	4 525	719	2 628	627	342	197	12	—	—	—	7 452	8 143	1 034
50 percent or more	7 875	544	2 178	183	60	10	—	—	—	—	3 794	4 070	5 613
Not computed	94	523	111	30	73	42	59	63	24	18	2500—	9 045	520
Median	27.9	50+	37.3	26.6	23.1	19.6	17.0	13.8	11.3	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Madison city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>19 883</b>	<b>190</b>	<b>683</b>	<b>1 940</b>	<b>2 544</b>	<b>2 831</b>	<b>4 838</b>	<b>3 225</b>	<b>2 325</b>	<b>1 307</b>	<b>433</b>
<b>PERSONS IN UNIT</b>											
1 person -----	1 522	55	119	135	309	215	339	248	76	26	383
2 persons -----	5 232	62	244	571	652	627	1 262	930	653	231	432
3 persons -----	4 425	28	199	471	564	601	1 057	747	474	284	431
4 persons -----	5 341	28	94	482	588	907	1 378	824	597	443	440
5 persons -----	2 345	12	22	213	282	327	577	337	356	219	450
6 persons -----	708	5	5	62	108	122	145	57	125	79	442
7 persons -----	254	—	—	6	36	32	63	62	37	18	476
8 or more persons -----	56	—	—	—	5	—	17	20	7	7	530
Median -----	3.22	2.15	2.41	3.06	3.05	3.45	3.27	3.08	3.41	3.75	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b> -----	<b>16 022</b>	<b>111</b>	<b>469</b>	<b>1 481</b>	<b>1 881</b>	<b>2 255</b>	<b>3 966</b>	<b>2 672</b>	<b>2 016</b>	<b>1 171</b>	<b>442</b>
15 to 24 years -----	323	—	7	—	12	38	88	114	51	13	514
25 to 34 years -----	4 927	30	58	180	323	739	1 477	1 063	812	245	475
35 to 44 years -----	4 809	17	87	417	525	675	1 140	766	651	531	457
45 to 64 years -----	5 535	58	263	806	939	766	1 137	702	482	382	396
65 years and over -----	428	6	54	78	82	37	124	27	20	—	346
<b>Male householder, no wife present</b> -----	<b>1 656</b>	<b>36</b>	<b>52</b>	<b>109</b>	<b>304</b>	<b>204</b>	<b>429</b>	<b>298</b>	<b>140</b>	<b>84</b>	<b>427</b>
15 to 24 years -----	94	—	—	—	7	18	43	19	—	7	429
25 to 34 years -----	910	—	27	52	149	128	256	190	79	29	443
35 to 44 years -----	343	20	9	12	58	38	81	50	49	26	434
45 to 64 years -----	286	16	16	40	72	20	49	39	12	22	349
65 years and over -----	23	—	—	5	18	—	—	—	—	—	318
<b>Female householder, no husband present</b> -----	<b>2 205</b>	<b>43</b>	<b>162</b>	<b>350</b>	<b>359</b>	<b>372</b>	<b>443</b>	<b>255</b>	<b>169</b>	<b>52</b>	<b>375</b>
15 to 24 years -----	20	—	—	—	—	—	8	—	6	6	650
25 to 34 years -----	580	—	33	39	64	110	148	83	90	13	426
35 to 44 years -----	687	7	28	97	157	71	138	107	56	26	388
45 to 64 years -----	771	36	73	180	103	165	138	59	10	7	347
65 years and over -----	147	—	28	34	35	26	11	6	7	—	316
Median age -----	39.8	51.4	51.2	47.9	44.7	39.7	37.5	36.2	36.4	40.3	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	2 796	5	20	27	92	178	611	718	715	430	565
1975 to 1978 -----	7 316	53	141	176	650	978	2 252	1 501	968	597	472
1970 to 1974 -----	4 114	24	111	433	632	834	983	564	346	187	402
1960 to 1969 -----	4 621	52	232	1 128	987	711	807	360	267	77	346
1959 or earlier -----	1 036	56	179	176	183	130	185	82	29	16	329
<b>ROOMS</b>											
1 to 3 rooms -----	54	14	4	—	12	10	14	—	—	—	338
4 rooms -----	834	44	128	122	154	125	169	72	9	11	340
5 rooms -----	4 630	67	303	822	820	671	1 081	614	198	54	373
6 rooms -----	5 187	35	145	569	729	945	1 398	741	518	107	411
7 rooms -----	4 072	18	72	293	494	589	1 096	778	510	222	450
8 or more rooms -----	5 106	12	31	134	335	491	1 080	1 020	1 090	913	546
Median -----	6.4	5.1	5.2	5.5	5.9	6.1	6.3	6.7	7.4	8.4	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	2 457	13	12	13	26	120	533	575	652	513	589
1970 to 1974 -----	1 538	6	33	55	99	214	410	281	255	185	487
1960 to 1969 -----	5 626	23	71	619	793	920	1 375	970	597	258	425
1950 to 1959 -----	4 622	47	295	674	829	642	1 071	589	357	118	386
1940 to 1949 -----	1 912	18	100	300	252	258	528	322	104	30	404
1939 or earlier -----	3 728	83	172	279	545	677	921	488	360	203	410
<b>VALUE</b>											
Less than \$10,000 -----	5	—	5	—	—	—	—	—	—	—	225
\$10,000 to \$19,999 -----	24	—	12	5	—	—	7	—	—	—	250
\$20,000 to \$29,999 -----	274	22	67	58	61	33	33	—	—	—	291
\$30,000 to \$39,999 -----	1 410	87	143	361	312	239	215	46	—	7	318
\$40,000 to \$49,999 -----	3 600	28	269	695	690	617	886	334	72	9	360
\$50,000 to \$59,999 -----	4 670	23	112	510	787	785	1 188	944	303	18	410
\$60,000 to \$79,999 -----	6 493	30	69	278	623	965	1 889	1 320	1 054	265	464
\$80,000 to \$99,999 -----	1 979	—	6	20	62	155	527	397	462	350	555
\$100,000 to \$149,999 -----	1 209	—	—	13	3	37	89	171	393	503	711
\$150,000 or more -----	219	—	—	—	6	—	4	13	41	155	750+
Median -----	\$59 900	\$38 600	\$44 500	\$48 100	\$52 100	\$56 800	\$60 700	\$63 600	\$74 300	\$100 400	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	5 252	119	363	1 029	1 037	845	932	469	298	160	355
15 to 19 percent -----	4 495	27	127	460	692	787	1 228	635	332	207	411
20 to 24 percent -----	3 641	—	35	179	358	552	1 056	781	493	187	463
25 to 29 percent -----	2 743	—	11	112	198	228	783	560	548	263	500
30 to 34 percent -----	1 424	11	28	79	68	164	363	320	231	160	500
35 percent or more -----	2 309	33	79	81	191	248	476	460	417	324	510
Not computed -----	19	—	—	—	7	—	—	—	6	6	662
Median -----	20.3	13.2	14.5	14.6	16.7	18.6	21.2	23.3	25.3	26.8	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b> -----	<b>19 883</b>	<b>190</b>	<b>683</b>	<b>1 940</b>	<b>2 544</b>	<b>2 831</b>	<b>4 838</b>	<b>3 225</b>	<b>2 325</b>	<b>1 307</b>	<b>433</b>
Steam or hot water system -----	1 873	26	21	139	206	263	487	298	287	146	457
Central warm-air furnace or electric heat pump -----	17 583	150	622	1 736	2 263	2 505	4 275	2 866	2 018	1 148	432
Other built-in electric units -----	48	—	—	5	7	14	4	5	7	6	393
Floor, wall, or pipeless furnace -----	57	14	19	5	12	—	—	—	—	—	238
Other means -----	322	—	21	55	56	49	72	49	13	7	380
<b>Air conditioning</b> -----	<b>10 816</b>	<b>91</b>	<b>302</b>	<b>1 090</b>	<b>1 258</b>	<b>1 455</b>	<b>2 601</b>	<b>1 728</b>	<b>1 291</b>	<b>1 000</b>	<b>443</b>
Central system -----	5 501	17	94	261	445	618	1 299	1 022	884	861	502
1 or more individual room units -----	5 315	74	208	829	813	837	1 302	706	407	139	394
<b>House heating fuel</b> -----	<b>19 883</b>	<b>190</b>	<b>683</b>	<b>1 940</b>	<b>2 544</b>	<b>2 831</b>	<b>4 838</b>	<b>3 225</b>	<b>2 325</b>	<b>1 307</b>	<b>433</b>
Utility gas -----	15 673	156	497	1 428	1 816	2 208	3 812	2 580	1 971	1 205	442
Bottled, tank, or LP gas -----	49	—	—	6	10	8	—	—	14	11	605
Electricity -----	121	—	—	5	18	25	27	17	23	6	427
Fuel oil, kerosene, etc. -----	3 940	34	179	478	667	583	980	623	311	85	403
Other -----	100	—	7	23	33	7	19	5	6	—	330

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Madison city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>8 546</b>	—	16	98	378	1 062	3 380	2 175	1 437	190
<b>PERSONS IN UNIT</b>										
1 person -----	2 089	—	7	68	206	401	897	339	171	170
2 persons -----	4 320	—	9	26	139	545	1 781	1 131	689	190
3 persons -----	1 118	—	—	—	11	61	436	349	261	207
4 persons -----	570	—	—	—	14	29	180	186	161	217
5 persons -----	329	—	—	4	8	12	67	132	106	228
6 persons -----	82	—	—	—	—	5	19	26	32	233
7 persons -----	26	—	—	—	—	9	—	12	5	217
8 or more persons -----	12	—	—	—	—	—	—	—	12	250+
Median -----	2.01	—	1.61	1.22	1.42	1.74	1.95	2.16	2.29	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> -----	<b>5 617</b>	—	9	20	137	556	2 124	1 641	1 130	199
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	66	—	—	—	—	7	19	23	17	215
35 to 44 years -----	205	—	—	—	—	6	48	77	74	231
45 to 64 years -----	3 021	—	—	20	66	226	1 157	866	686	202
65 years and over -----	2 325	—	9	—	71	317	900	675	353	193
<b>Male householder, no wife present</b> -----	<b>587</b>	—	6	13	75	145	213	67	68	163
15 to 24 years -----	13	—	—	—	3	6	—	—	4	140
25 to 34 years -----	41	—	—	—	—	5	20	—	16	189
35 to 44 years -----	26	—	—	—	13	—	13	—	—	137
45 to 64 years -----	181	—	6	—	19	52	53	30	21	163
65 years and over -----	326	—	—	13	40	82	127	37	27	161
<b>Female householder, no husband present</b> -----	<b>2 342</b>	—	1	65	166	361	1 043	467	239	178
15 to 24 years -----	9	—	—	—	—	—	4	5	—	205
25 to 34 years -----	18	—	—	—	6	—	—	7	5	221
35 to 44 years -----	40	—	—	—	—	—	10	24	6	221
45 to 64 years -----	653	—	—	14	39	69	288	153	90	186
65 years and over -----	1 622	—	1	51	121	292	741	278	138	173
Median age -----	65.0	—	75.6	71.1	71.1	68.8	65.6	63.7	61.5	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	116	—	—	9	13	22	49	15	8	164
1975 to 1978 -----	462	—	1	6	21	27	185	101	121	198
1970 to 1974 -----	694	—	6	18	29	79	228	174	160	197
1960 to 1969 -----	2 314	—	—	7	74	236	826	702	469	201
1959 or earlier -----	4 960	—	9	58	241	698	2 092	1 183	679	185
<b>ROOMS</b>										
1 to 3 rooms -----	108	—	6	—	25	34	31	12	—	142
4 rooms -----	1 054	—	1	52	149	312	413	120	7	152
5 rooms -----	2 394	—	—	15	125	418	1 192	517	127	177
6 rooms -----	2 580	—	9	31	57	242	1 130	740	371	192
7 rooms -----	1 391	—	—	—	14	46	434	488	409	221
8 or more rooms -----	1 019	—	—	—	8	10	180	298	523	250+
Median -----	5.8	—	5.6	4.4	4.6	4.9	5.5	6.1	7.0	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	98	—	—	9	—	9	17	11	52	250+
1970 to 1974 -----	147	—	6	—	5	—	19	31	86	250+
1960 to 1969 -----	1 192	—	—	—	—	27	349	455	361	224
1950 to 1959 -----	2 873	—	—	11	69	260	1 188	895	450	196
1940 to 1949 -----	1 339	—	1	6	111	228	583	295	115	178
1939 or earlier -----	2 897	—	9	72	193	538	1 224	488	373	176
<b>VALUE</b>										
Less than \$10,000 -----	14	—	6	—	8	—	—	—	—	103
\$10,000 to \$19,999 -----	54	—	1	2	15	16	10	—	10	139
\$20,000 to \$29,999 -----	432	—	—	44	130	135	97	26	—	133
\$30,000 to \$39,999 -----	1 094	—	—	30	121	429	424	76	14	148
\$40,000 to \$49,999 -----	2 021	—	—	—	58	377	1 201	295	90	174
\$50,000 to \$59,999 -----	1 783	—	—	14	24	87	985	559	114	189
\$60,000 to \$79,999 -----	2 186	—	9	7	22	14	630	998	506	221
\$80,000 to \$99,999 -----	631	—	—	1	—	—	25	211	394	250+
\$100,000 to \$149,999 -----	276	—	—	—	—	4	8	10	254	250+
\$150,000 or more -----	55	—	—	—	—	—	—	—	55	250+
Median -----	\$53 200	—	\$60 600	\$30 700	\$32 400	\$39 000	\$49 700	\$61 800	\$79 500	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	3 427	—	—	38	99	344	1 407	937	602	194
10 to 14 percent -----	1 955	—	9	12	49	277	695	525	388	195
15 to 19 percent -----	1 149	—	7	14	53	179	421	276	199	188
20 to 24 percent -----	561	—	—	6	49	58	249	127	72	184
25 to 29 percent -----	453	—	—	16	32	83	170	82	70	178
30 to 34 percent -----	333	—	—	—	42	36	124	88	43	186
35 percent or more -----	648	—	—	6	54	85	300	140	63	180
Not computed -----	20	—	—	6	—	—	14	—	—	164
Median -----	12.1	—	14.4	13.3	18.9	13.4	12.0	11.4	11.5	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> -----	<b>8 546</b>	—	16	98	378	1 062	3 380	2 175	1 437	190
Steam or hot water system -----	1 118	—	9	6	30	50	337	376	310	217
Central warm-air furnace or electric heat pump -----	7 239	—	7	79	331	964	2 977	1 767	1 114	188
Other built-in electric units -----	20	—	—	—	—	—	14	—	—	186
Floor, wall, or pipeless furnace -----	60	—	—	6	4	24	6	6	5	146
Other means -----	109	—	—	7	13	24	15	20	8	164
<b>Air conditioning</b> -----	<b>5 085</b>	—	15	31	175	598	1 925	1 334	1 007	195
Central system -----	2 369	—	—	1	40	142	778	688	720	216
1 or more individual room units -----	2 716	—	15	30	135	456	1 147	646	287	181
<b>House heating fuel</b> -----	<b>8 546</b>	—	16	98	378	1 062	3 380	2 175	1 437	190
Utility gas -----	5 782	—	—	74	239	800	2 309	1 438	922	189
Bottled, tank, or LP gas -----	33	—	—	—	5	—	5	6	6	155
Electricity -----	60	—	—	—	13	—	19	11	19	195
Fuel oil, kerosene, etc. -----	2 653	—	10	24	121	257	1 035	714	492	194
Other -----	18	—	—	—	—	—	12	6	—	188

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Madison city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	32 343	3 183	2 403	7 387	11 523	7 847	34 108	3 635	4 682	9 567	8 319	7 905
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	23 676	2 558	1 796	6 178	8 472	4 672	6 860	789	1 004	2 260	1 925	882
15 to 24 years	369	79	13	91	115	71	1 279	176	137	436	370	160
25 to 34 years	5 504	1 104	515	1 180	1 605	1 100	3 182	325	474	1 050	895	438
35 to 44 years	5 371	758	629	1 642	1 491	851	735	79	103	250	233	70
45 to 64 years	9 315	555	576	2 829	3 845	1 510	848	79	129	279	252	109
65 years and over	3 117	62	63	436	1 416	1 140	816	130	161	245	175	105
Male householder, no wife present	2 890	255	162	410	968	1 095	11 291	1 075	1 477	2 884	2 489	3 366
15 to 24 years	156	18	3	25	38	72	4 791	366	666	1 398	1 114	1 247
25 to 34 years	1 199	133	66	157	405	438	4 312	412	594	934	978	1 394
35 to 44 years	461	58	27	94	156	126	912	87	108	311	156	250
45 to 64 years	619	35	58	123	233	170	877	93	53	151	198	382
65 years and over	455	11	8	11	136	289	399	117	56	90	43	93
Female householder, no husband present	5 777	370	445	799	2 083	2 080	15 957	1 771	2 201	4 423	3 905	3 657
15 to 24 years	88	5	16	5	22	40	5 539	420	851	1 332	1 378	1 558
25 to 34 years	837	122	103	133	262	217	4 833	499	654	1 317	1 235	1 128
35 to 44 years	935	104	113	172	296	250	1 121	89	219	335	277	201
45 to 64 years	1 754	128	172	325	680	449	1 572	110	192	571	440	259
65 years and over	2 163	11	41	164	823	1 124	2 892	653	285	868	575	511
Median age	47.1	36.2	40.8	46.0	51.9	53.6	28.4	30.6	28.2	28.8	28.2	27.6
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 577	1 078	253	649	846	751	19 324	2 574	2 757	5 227	4 409	4 357
1975 to 1978	9 042	2 105	924	1 772	2 487	1 754	10 524	1 061	1 498	3 026	2 662	2 277
1970 to 1974	5 501	—	1 226	1 429	1 722	1 124	2 238	—	427	766	583	462
1960 to 1969	7 442	—	—	3 537	2 653	1 252	1 418	—	—	548	418	452
1959 or earlier	6 781	—	—	—	3 815	2 966	604	—	—	—	247	357
<b>ROOMS</b>												
1 room	13	—	—	5	—	8	3 454	155	640	1 050	643	966
2 rooms	35	4	6	—	9	16	3 860	398	612	1 174	865	811
3 rooms	363	44	26	21	83	189	8 141	1 067	972	2 320	2 026	1 756
4 rooms	2 722	155	202	225	1 393	747	9 324	1 060	1 335	2 960	2 361	1 608
5 rooms	8 299	684	483	1 751	4 006	1 375	5 542	460	643	1 307	1 648	1 484
6 rooms	8 543	733	545	1 759	3 209	2 297	2 354	319	323	500	509	703
7 or more rooms	12 368	1 563	1 141	3 626	2 823	3 215	1 433	176	157	256	267	577
Median	6.1	6.5	6.4	6.5	5.6	6.2	3.7	3.7	3.6	3.6	3.8	3.8
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	32 262	3 183	2 397	7 382	11 518	7 782	32 747	3 594	4 613	9 374	8 043	7 123
0.50 or less	22 323	2 259	1 563	4 433	7 904	6 164	20 282	2 620	2 824	5 363	4 900	4 575
0.51 to 1.00	9 685	924	821	2 842	3 526	1 572	11 635	939	1 690	3 636	2 951	2 419
1.01 to 1.50	248	—	13	107	82	46	430	15	40	213	114	48
1.51 or more	6	—	—	—	6	—	400	20	59	162	78	81
Lacking complete plumbing for exclusive use	81	—	6	5	5	65	1 361	41	69	193	276	782
0.50 or less	59	—	6	—	—	53	378	27	23	80	77	171
0.51 to 1.00	22	—	—	5	5	12	948	14	40	113	178	603
1.01 to 1.50	—	—	—	—	—	—	14	—	6	—	—	8
1.51 or more	—	—	—	—	—	—	21	—	—	—	21	—
<b>PERSONS IN UNIT</b>												
1 person	4 748	331	255	587	1 798	1 777	15 239	1 779	2 224	4 182	3 386	3 668
2 persons	11 107	1 002	652	1 978	4 512	2 963	11 429	1 097	1 627	3 303	3 002	2 400
3 persons	6 098	669	381	1 526	2 162	1 360	4 158	473	510	1 159	1 083	933
4 persons	6 345	790	586	1 971	1 903	1 095	2 164	158	222	646	557	581
5 persons	2 836	321	392	902	762	459	731	103	31	159	243	195
6 or more persons	1 209	70	137	423	386	193	387	25	68	118	48	128
Median	2.55	2.89	3.27	3.24	2.38	2.22	1.66	1.54	1.57	1.68	1.76	1.62
Total persons	93 278	9 781	8 005	24 342	31 209	19 941	64 897	6 567	8 353	18 186	16 387	15 404
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	29 842	2 778	1 917	7 111	11 146	6 890	3 654	242	315	653	1 206	1 238
2	1 084	75	42	120	195	652	4 330	411	258	483	1 186	1 992
3 and 4	440	40	25	27	120	228	5 570	172	243	1 223	2 315	1 617
5 to 9	288	74	114	21	33	46	6 013	697	901	1 627	1 524	1 264
10 to 49	199	86	53	28	9	23	9 035	1 072	1 846	3 318	1 502	1 297
50 or more	67	13	29	5	12	8	5 418	1 038	1 105	2 230	559	486
Mobile home or trailer, etc.	423	117	223	75	8	—	88	3	14	33	27	11
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	32 336	3 183	2 396	7 387	11 523	7 847	34 093	3 635	4 682	9 552	8 319	7 905
Steam or hot water system	3 925	149	116	571	1 096	1 993	14 705	844	1 524	4 482	3 784	4 071
Central warm-air furnace or electric heat pump	27 607	2 949	2 187	6 689	10 143	5 639	15 066	1 598	1 910	4 046	4 206	3 484
Other built-in electric units	130	38	35	17	28	12	3 554	1 158	1 177	830	320	69
Floor, wall, or pipeless furnace	137	11	21	5	27	73	191	16	10	52	78	35
Other means	537	36	37	105	229	130	577	19	61	142	109	246
Air conditioning	18 338	1 821	1 716	4 749	6 566	3 486	18 687	2 852	4 083	7 271	3 011	1 470
Central system	9 257	1 600	1 382	2 896	2 628	751	3 408	609	742	1 516	407	134
1 or more individual room units	9 081	221	334	1 853	3 938	2 735	15 279	2 243	3 341	5 755	2 604	1 336
House heating fuel	32 336	3 183	2 396	7 387	11 523	7 847	34 093	3 635	4 682	9 552	8 319	7 905
Utility gas	24 411	3 001	2 213	6 546	6 782	5 869	22 828	1 840	2 662	7 149	5 641	5 536
Bottled, tank, or LP gas	247	57	95	46	23	26	428	24	20	101	184	100
Electricity	331	107	65	50	86	23	5 791	1 712	1 715	1 531	603	230
Fuel oil, kerosene, etc.	7 215	13	23	725	4 568	1 886	4 758	52	254	697	1 802	1 953
Other	132	5	—	20	64	43	288	7	31	75	89	86
Income in 1979 below poverty level	719	50	52	97	233	287	8 387	512	894	2 357	2 085	2 539
Percent below poverty level	2.2	1.6	2.2	1.3	2.0	3.7	24.6	14.1	19.1	24.6	25.1	32.1
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 085	49	61	93	347	535	7 428	707	889	2 180	1 725	1 927
\$5,000 to \$9,999	2 329	67	101	225	1 018	918	8 777	782	1 113	2 422	2 246	2 214
\$10,000 to \$14,999	1 367	48	96	216	466	541	4 155	405	591	1 157	1 103	899
\$15,000 to \$19,999	1 779	89	113	283	755	539	3 384	319	427	1 029	915	694
\$20,000 to \$24,999	4 261	305	432	1 819	1 640	1 195	4 627	551	751	1 213	1 099	1 013
\$25,000 to \$29,999	5 329	584	302	1 241	1 916	1 156	2 916	382	467	797	651	619
\$30,000 to \$34,999	8 186	1 024	551	2 186	2 994	1 431	5 329	353	284	547	420	394
\$35,000 to \$49,999	5 268	666	421	1 539	1 683	959	614	95	97	181	122	119
\$50,000 or more	2 739	351	326	785	704	573	209	41	63	41	38	26
Median	\$25 023	\$29 370	\$26 436	\$28 416	\$24 016	\$20 737	\$10 511	\$12 028	\$11 434	\$10 392	\$10 427	\$9 509
Mean	\$28 068	\$33 005	\$32 132	\$32 011	\$26 121	\$23 969	\$12 252	\$14 466	\$13 204	\$11 987	\$11 960	\$11 297

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

**Madison city**

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
<b>Occupied housing units</b> .....	<b>32 343</b>	<b>29 842</b>	<b>2 078</b>	<b>423</b>	<b>34 108</b>	<b>3 654</b>	<b>4 330</b>	<b>5 570</b>	<b>6 013</b>	<b>9 035</b>	<b>5 418</b>	<b>88</b>
Condominium housing units.....	713	296	417	—	233	44	—	31	65	63	30	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>23 676</b>	<b>22 609</b>	<b>883</b>	<b>184</b>	<b>6 860</b>	<b>1 234</b>	<b>1 117</b>	<b>1 008</b>	<b>1 354</b>	<b>1 562</b>	<b>585</b>	<b>—</b>
15 to 24 years.....	369	340	14	15	1 279	81	156	148	319	453	122	—
25 to 34 years.....	5 504	5 187	247	70	3 182	556	646	445	638	742	155	—
35 to 44 years.....	5 371	5 253	77	41	735	188	125	115	148	113	46	—
45 to 64 years.....	9 315	8 943	330	42	846	285	109	146	127	114	67	—
65 years and over.....	3 117	2 886	215	16	816	124	81	154	122	140	195	—
<b>Male householder, no wife present</b> .....	<b>2 890</b>	<b>2 333</b>	<b>479</b>	<b>78</b>	<b>11 291</b>	<b>1 075</b>	<b>1 353</b>	<b>1 735</b>	<b>1 718</b>	<b>3 341</b>	<b>2 014</b>	<b>55</b>
15 to 24 years.....	156	107	36	13	4 791	357	505	683	658	1 554	1 034	—
25 to 34 years.....	1 199	974	195	30	4 312	450	635	744	744	1 226	479	34
35 to 44 years.....	461	389	67	5	912	111	83	143	140	279	143	13
45 to 64 years.....	619	508	91	20	877	131	104	125	106	220	183	8
65 years and over.....	455	355	90	10	399	26	26	40	70	62	175	—
<b>Female householder, no husband present</b> .....	<b>5 777</b>	<b>4 900</b>	<b>716</b>	<b>161</b>	<b>15 957</b>	<b>1 345</b>	<b>1 860</b>	<b>2 827</b>	<b>2 941</b>	<b>4 132</b>	<b>2 819</b>	<b>33</b>
15 to 24 years.....	88	34	49	5	5 539	411	626	895	1 111	1 693	799	4
25 to 34 years.....	837	639	139	59	4 833	422	690	973	1 025	1 271	439	13
35 to 44 years.....	935	785	124	26	1 121	207	144	173	231	228	138	—
45 to 64 years.....	1 754	1 590	116	48	1 572	143	151	365	273	399	235	6
65 years and over.....	2 163	1 852	288	23	2 892	162	249	421	301	541	1 208	10
Median age.....	47.1	47.2	49.5	36.8	28.4	31.2	28.7	28.7	27.9	26.9	30.6	34.0
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	3 577	3 071	413	93	19 324	1 769	2 393	2 785	3 340	5 623	3 376	38
1975 to 1978.....	9 042	8 239	613	190	10 524	1 153	1 424	1 930	1 963	2 616	1 400	38
1970 to 1974.....	5 501	5 058	329	114	2 238	302	261	408	355	512	400	—
1960 to 1969.....	7 442	7 196	225	21	1 418	210	186	338	244	235	193	12
1959 or earlier.....	6 781	6 278	498	5	604	220	66	109	111	49	49	—
<b>ROOMS</b>												
1 room.....	13	—	13	—	3 454	55	10	127	382	1 560	1 286	34
2 rooms.....	35	18	17	—	3 860	46	128	373	601	1 740	966	6
3 rooms.....	363	157	163	43	8 141	197	742	1 205	1 411	2 434	2 152	—
4 rooms.....	2 722	1 994	574	154	9 324	644	1 489	2 038	2 136	2 185	809	23
5 rooms.....	8 299	7 441	651	207	5 542	970	1 164	1 355	1 109	779	145	20
6 rooms.....	8 543	8 139	385	19	2 354	820	567	345	302	281	34	5
7 or more rooms.....	12 368	12 093	275	—	1 433	922	230	127	72	56	26	—
Median.....	6.1	6.2	4.9	4.6	3.7	5.4	4.4	4.0	3.8	3.0	2.7	3.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>Complete plumbing for exclusive use</b> .....	<b>32 262</b>	<b>29 823</b>	<b>2 016</b>	<b>423</b>	<b>32 747</b>	<b>3 654</b>	<b>4 244</b>	<b>5 403</b>	<b>5 725</b>	<b>8 550</b>	<b>5 083</b>	<b>88</b>
0.50 or less.....	22 323	20 345	1 682	296	20 282	2 115	2 924	3 822	3 657	4 820	2 894	50
0.51 to 1.00.....	9 685	9 245	318	122	11 635	1 424	1 282	1 501	1 971	3 458	1 971	28
1.01 to 1.50.....	248	227	16	5	430	60	29	52	48	132	105	4
1.51 or more.....	6	6	—	—	400	55	9	28	49	140	113	6
<b>Lacking complete plumbing for exclusive use</b> .....	<b>81</b>	<b>19</b>	<b>62</b>	<b>—</b>	<b>1 361</b>	<b>—</b>	<b>86</b>	<b>167</b>	<b>288</b>	<b>485</b>	<b>335</b>	<b>—</b>
0.50 or less.....	59	19	40	—	378	—	53	101	117	87	20	—
0.51 to 1.00.....	22	—	22	—	948	—	33	52	165	383	315	—
1.01 to 1.50.....	—	—	—	—	14	—	—	14	—	—	—	—
1.51 or more.....	—	—	—	—	21	—	—	—	6	15	—	—
<b>BEDROOMS</b>												
None.....	13	—	13	—	3 940	55	24	183	485	1 774	1 385	34
1.....	911	521	362	28	12 142	318	1 266	1 770	2 010	3 966	2 799	13
2.....	6 402	5 052	1 097	253	12 606	1 159	1 993	2 637	2 863	2 819	1 109	26
3.....	17 569	16 975	452	142	4 343	1 465	887	813	592	465	106	15
4.....	6 292	6 156	136	—	801	453	140	142	41	11	14	—
5 or more.....	1 156	1 138	18	—	276	204	20	25	22	—	5	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000.....	1 085	902	155	28	7 428	368	656	886	972	2 370	2 144	32
\$5,000 to \$9,999.....	2 329	1 991	271	67	8 777	756	852	1 462	1 750	2 590	1 353	14
\$10,000 to \$12,499.....	1 367	1 111	238	18	4 155	358	560	725	823	1 163	514	12
\$12,500 to \$14,999.....	1 779	1 521	183	75	3 384	403	450	691	692	806	333	9
\$15,000 to \$19,999.....	4 261	3 795	370	96	4 627	556	793	1 004	796	1 037	429	12
\$20,000 to \$24,999.....	5 329	4 936	307	86	2 916	563	505	465	555	480	342	6
\$25,000 to \$34,999.....	8 186	7 862	276	48	1 998	434	400	261	280	421	202	—
\$35,000 to \$49,999.....	5 268	5 072	196	—	614	177	95	37	120	119	63	3
\$50,000 or more.....	2 739	2 652	82	5	209	39	19	39	25	49	38	—
Median.....	\$25 023	\$25 742	\$17 775	\$15 773	\$10 511	\$14 640	\$13 039	\$11 507	\$10 864	\$9 011	\$6 686	\$9 643
Mean.....	\$28 068	\$28 687	\$20 357	\$22 238	\$12 252	\$16 594	\$14 279	\$12 537	\$12 474	\$10 822	\$9 577	\$10 428
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>32 336</b>	<b>29 835</b>	<b>2 078</b>	<b>423</b>	<b>34 093</b>	<b>3 654</b>	<b>4 330</b>	<b>5 570</b>	<b>6 008</b>	<b>9 031</b>	<b>5 412</b>	<b>88</b>
Steam or hot water system.....	3 925	3 166	759	—	14 705	598	1 036	2 675	2 886	4 891	2 600	19
Central warm-air furnace or electric heat pump.....	27 607	26 004	1 221	382	15 066	2 904	3 100	2 621	2 241	2 368	1 775	57
Other built-in electric units.....	130	81	43	6	3 554	19	58	114	758	1 615	985	5
Floor, wall, or pipeless furnace.....	137	124	4	9	191	21	28	41	33	46	19	3
Other means.....	537	460	51	26	577	112	108	119	90	111	33	4
<b>Air conditioning</b> .....	<b>18 338</b>	<b>16 847</b>	<b>1 269</b>	<b>222</b>	<b>18 687</b>	<b>1 249</b>	<b>1 255</b>	<b>2 184</b>	<b>3 330</b>	<b>6 291</b>	<b>4 319</b>	<b>59</b>
Central system.....	9 257	8 578	608	71	3 408	610	560	279	583	631	740	5
<b>Vehicles available</b> .....	<b>30 680</b>	<b>28 554</b>	<b>1 735</b>	<b>391</b>	<b>24 278</b>	<b>3 222</b>	<b>3 430</b>	<b>4 183</b>	<b>4 682</b>	<b>6 089</b>	<b>2 615</b>	<b>57</b>
1.....	12 054	10 770	1 053	231	17 824	1 756	2 142	3 263	3 529	4 826	2 266	42
2 or more.....	18 626	17 784	682	160	6 454	1 466	1 288	920	1 153	1 263	349	15
<b>House heating fuel</b> .....	<b>32 336</b>	<b>29 835</b>	<b>2 078</b>	<b>423</b>	<b>34 093</b>	<b>3 654</b>	<b>4 330</b>	<b>5 570</b>	<b>6 008</b>	<b>9 031</b>	<b>5 412</b>	<b>88</b>
Utility gas.....	24 411	22 568	1 553	290	22 828	2 680	3 120	4 078	3 960	5 808	3 119	63
Bottled, tank, or LP gas.....	247	98	28	121	428	23	53	118	99	86	42	7
Electricity.....	7 215	6 817	392	6	5 791	164	177	328	1 070	2 228	1 819	5
Fuel oil, kerosene, etc.....	7 132	6 817	392	6	4 758	775	971	1 011	791	804	393	13
Other.....	16	123	9	—	288	12	9	35	88	105	39	—
<b>Water heating fuel</b> .....	<b>32 330</b>	<b>29 842</b>	<b>2 065</b>	<b>423</b>	<b>34 029</b>	<b>3 654</b>	<b>4 330</b>	<b>5 570</b>	<b>6 005</b>	<b>8 973</b>	<b>5 405</b>	<b>88</b>
Utility gas.....	23 758	21 998	1 563	197	24 099	2 828	3 508	4 208	4 195	5 947	3 344	69
Bottled, tank, or LP gas.....	7 67	255	42	70	578	38	56	126	152	129	70	—
Electricity.....	7 458	6 925	377	156	7 625	723	573	788	1 332	2 418	1 779	12
Fuel oil, kerosene, etc.....	731	657	74	—	1 506	65	193	405	270	406	167	—
Other.....	16	123	9	—	217	7	—	43	56	73	45	—
<b>Family householder</b> .....	<b>26 569</b>	<b>25 194</b>	<b>1 109</b>	<b>266</b>	<b>10 494</b>	<b>1 945</b>	<b>1 634</b>	<b>1 662</b>	<b>2 233</b>	<b>2 239</b>	<b>777</b>	<b>4</b>
With own children under 18 years.....	13 401	12 907	377	117	4 823	1 195	822	760	1 051	1 031	133	4
With own children under 6 years.....	4 815	4 630	122	63	2 822	601	484	407	662	582	82	—
<b>Female householder, no husband present</b> .....	<b>2 256</b>	<b>2 025</b>	<b>159</b>	<b>72</b>	<b>3 067</b>	<b>585</b>	<b>411</b>	<b>588</b>	<b>768</b>	<b>595</b>	<b>116</b>	<b>4</b>
With own children under 18 years.....	1 207	1 061	110	36	2 141	458	293	384	367	398	37	4
With own children under 6 years.....	167	147	4	16	1 009	163	132	185	313	184	28	—
<b>Nonfamily householder</b> .....	<b>5 774</b>	<b>4 648</b>	<b>969</b>									

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Madison city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>32 343</b>	<b>4 748</b>	<b>11 107</b>	<b>6 098</b>	<b>6 345</b>	<b>2 836</b>	<b>837</b>	<b>295</b>	<b>77</b>	<b>2.55</b>	<b>93 278</b>
Nonrelatives present .....	1 603	—	842	313	184	178	65	21	—	2.45	4 952
<b>ROOMS</b> .....											
1 to 3 rooms .....	411	252	114	38	7	—	—	—	—	1.32	693
4 rooms .....	2 722	1 132	1 254	210	106	20	—	—	—	1.68	5 002
5 rooms .....	8 299	1 455	3 292	1 711	1 202	505	95	33	6	2.32	21 723
6 rooms .....	8 543	1 213	3 262	1 588	1 646	612	171	40	11	2.44	23 588
7 rooms .....	5 860	464	1 882	1 301	1 454	472	177	85	25	2.95	18 116
8 or more rooms .....	6 508	232	1 303	1 250	1 930	1 227	394	137	35	3.74	24 156
Median .....	6.1	5.2	5.8	6.2	6.6	7.1	7.4	7.4	7.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	32 262	4 703	11 080	6 098	6 340	2 836	837	291	77	2.56	93 113
1.00 or less .....	32 008	4 703	11 080	6 081	6 333	2 816	742	218	35	2.54	91 472
1.01 to 1.50 .....	248	—	—	17	7	20	95	73	36	6.34	1 603
1.51 or more .....	6	—	—	—	—	—	—	—	6	8.00	38
Lacking complete plumbing for exclusive use .....	81	45	27	—	5	—	—	4	—	1.40	165
1.00 or less .....	81	45	27	—	5	—	—	4	—	1.40	165
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	29 842	3 860	10 064	5 779	6 195	2 763	818	286	77	2.67	87 438
2 or more .....	2 078	765	868	247	122	48	19	9	—	1.82	4 788
Mobile home or trailer, etc. ....	423	123	175	72	28	25	—	—	—	2.01	1 052
<b>VALUE</b> .....											
Specified owner-occupied housing units .....	28 429	3 611	9 552	5 543	5 911	2 674	790	280	68	2.69	82 906
Less than \$10,000 .....	19	11	3	5	—	—	—	—	—	1.36	32
\$10,000 to \$19,999 .....	78	31	35	12	—	—	—	—	—	1.73	177
\$20,000 to \$29,999 .....	706	318	279	48	37	18	—	—	6	1.63	1 300
\$30,000 to \$39,999 .....	2 504	622	1 051	431	265	86	43	6	—	2.10	5 990
\$40,000 to \$49,999 .....	5 621	918	2 006	1 079	946	463	142	43	24	2.44	15 340
\$50,000 to \$59,999 .....	6 453	789	2 119	1 400	1 384	520	176	65	—	2.73	18 635
\$60,000 to \$79,999 .....	8 679	729	2 911	1 643	2 144	904	246	84	18	2.93	26 554
\$80,000 to \$99,999 .....	2 610	120	737	562	642	404	94	38	13	3.30	8 560
\$100,000 to \$149,999 .....	1 485	59	364	288	437	225	68	37	7	3.57	5 267
\$150,000 or more .....	274	14	47	75	56	54	21	7	—	3.52	1 051
Median .....	\$58 100	\$49 000	\$56 500	\$58 500	\$62 200	\$65 800	\$61 700	\$64 500	\$64 000	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	32 343	4 748	11 107	6 098	6 345	2 836	837	295	77	2.55	93 278
Median income .....	\$25 023	\$12 775	\$24 103	\$28 419	\$27 641	\$31 323	\$31 766	\$36 174	\$38 864	...	...
Median selected monthly owner costs as percentage of household income .....	18.2	26.2	16.4	17.3	18.8	17.5	17.2	17.1	17.5	...	...
With a mortgage .....	20.3	28.0	20.2	19.9	19.8	18.6	18.1	18.2	19.0	...	...
Not mortgaged .....	12.1	23.9	11.6	10—	10—	10—	10—	10—	10.0	...	...
Income in 1979 below poverty level .....	719	257	184	89	118	40	27	4	—	2.06	...
Median income .....	\$3 108	\$2500—	\$3 678	\$2500—	\$5 700	\$4 444	\$8 068	\$28 750	—	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	50+	—	—	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	—	—	...	...
Not mortgaged .....	50+	50+	50+	50+	17.5	—	—	—	—	...	...
<b>Renter-occupied housing units</b> .....	<b>34 108</b>	<b>15 239</b>	<b>11 429</b>	<b>4 158</b>	<b>2 164</b>	<b>731</b>	<b>235</b>	<b>128</b>	<b>24</b>	<b>1.66</b>	<b>64 897</b>
Nonrelatives present .....	9 226	—	5 608	2 073	1 002	354	103	67	19	2.32	24 383
<b>ROOMS</b> .....											
1 room .....	3 454	3 210	218	7	13	—	—	6	—	1.04	3 646
2 rooms .....	3 860	2 570	1 130	108	41	5	6	—	—	1.25	5 289
3 rooms .....	8 141	4 809	2 614	444	186	65	18	5	—	1.35	12 543
4 rooms .....	9 324	3 231	4 381	1 266	380	45	—	21	—	1.83	17 672
5 rooms .....	5 542	1 094	2 159	1 317	654	235	57	10	16	2.28	13 725
6 rooms .....	2 354	231	660	673	564	156	40	30	—	2.92	6 869
7 or more rooms .....	1 433	94	267	343	326	225	114	56	8	3.54	5 153
Median .....	3.7	2.9	3.9	4.7	5.2	5.6	6.4	6.2	5.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	32 747	14 153	11 216	4 109	2 157	731	235	122	24	1.70	63 164
1.00 or less .....	31 917	14 153	11 019	4 002	1 917	616	154	56	—	1.66	59 814
1.01 to 1.50 .....	430	—	—	100	186	45	57	34	8	4.12	1 938
1.51 or more .....	400	—	197	7	54	70	24	32	16	2.93	1 412
Lacking complete plumbing for exclusive use .....	1 361	1 086	213	49	7	—	—	6	—	1.13	1 733
1.00 or less .....	1 326	1 086	192	41	7	—	—	—	—	1.11	1 624
1.01 to 1.50 .....	14	—	—	8	—	—	—	6	—	3.38	72
1.51 or more .....	21	—	21	—	—	—	—	—	—	2.00	37
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	3 654	598	1 073	821	641	320	126	67	8	2.69	10 596
2 .....	4 330	1 195	1 781	820	354	131	43	6	—	2.04	9 514
3 and 4 .....	5 570	2 315	1 997	664	445	115	17	12	5	1.74	10 915
5 to 9 .....	6 013	2 467	2 341	770	299	101	13	11	11	1.73	11 173
10 to 49 .....	9 035	4 902	2 968	770	289	48	32	26	—	1.42	14 866
50 or more .....	5 418	3 692	1 255	313	136	16	—	6	—	1.23	7 697
Mobile home or trailer, etc. ....	88	70	14	—	—	—	4	—	—	1.13	136
<b>GROSS RENT</b> .....											
Specified renter-occupied housing units .....	33 956	15 203	11 391	4 138	2 141	708	223	128	24	1.66	64 445
Less than \$100 .....	1 314	910	229	100	59	16	—	—	—	1.22	2 042
\$100 to \$149 .....	2 534	1 557	658	129	116	35	22	6	—	1.31	4 078
\$150 to \$199 .....	5 351	3 799	1 086	379	167	48	45	27	—	1.23	8 295
\$200 to \$249 .....	8 463	4 710	3 146	387	174	24	11	—	—	1.40	12 887
\$250 to \$299 .....	6 620	2 552	2 976	691	281	78	26	11	5	1.75	12 416
\$300 to \$349 .....	3 643	723	1 664	858	268	90	14	15	11	2.16	8 372
\$350 to \$399 .....	2 162	312	784	645	279	82	—	—	—	2.44	5 343
\$400 to \$499 .....	2 248	384	519	716	455	108	56	10	—	2.81	6 237
\$500 or more .....	980	162	169	147	305	194	37	41	2	3.79	3 531
No cash rent .....	501	162	169	86	37	33	12	2	—	2.02	1 244
Median .....	\$243	\$212	\$257	\$320	\$348	\$378	\$305	\$310	\$305	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	34 108	15 239	11 429	4 158	2 164	731	235	128	24	1.66	64 897
Median income .....	\$10 511	\$7 591	\$12 431	\$13 441	\$13 227	\$17 288	\$15 062	\$17 500	\$18 750	...	...
Median gross rent as percentage of household income .....	27.9	30.6	24.4	27.6	29.0	24.4	28.3	26.3	20.8	...	...
Income in 1979 below poverty level .....	8 387	3 358	2 626	1 141	811	278	84	76	13	1.81	...
Median income .....	\$3 684	\$2500—	\$4 115	\$6 585	\$8 438	\$9 338	\$8 333	\$10 625	\$6 477	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	49.3	45.7	33.8	35.8	36.3	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

Madison city	Married-couple families										Male householder, no wife present										Female householder, no husband present										Median age																				
	15 to 24 years					25 to 34 years					35 to 44 years					45 to 64 years					65 years and over					15 to 24 years						25 to 34 years					35 to 44 years					45 to 64 years					65 years and over				
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over														
Owner-occupied housing units																																																			
PERSONS IN UNIT																																																			
32 343	369	5 504	5 371	9 315	3 117	156	1 199	461	619	455	48	837	935	1 754	2 163	47.1																																			
4 748	201	1 805	464	3 778	2 682	83	669	235	338	368	28	269	243	860	1 655	61.1																																			
11 107	110	1 366	740	2 573	344	12	114	63	75	16	6	290	191	530	394	57.0																																			
6 098	8	1 750	2 990	1 678	69	19	58	26	44	—	4	50	130	107	52	39.3																																			
2 836	—	454	1 397	753	22	7	—	7	8	—	—	35	95	54	4	41.3																																			
6 or more persons	1 209	—	129	480	533	—	12	5	5	—	4	—	20	16	—	—																																			
Median	2.42	3.19	4.15	2.84	2.08	1.44	1.48	1.42	1.40	1.12	1.05	1.45	1.40	1.18	1.05	...																																			
93 278	985	18 318	22 261	29 150	6 817	327	2 138	834	1 127	554	147	1 885	2 485	3 331	2 869	...																																			
PLUMBING FACILITIES BY PERSONS PER ROOM																																																			
32 262	369	5 499	5 371	9 315	3 102	156	1 190	461	611	455	78	837	935	1 749	2 134	47.1																																			
Complete plumbing for exclusive use	254	—	46	104	104	—	—	—	—	—	—	—	—	—	—	42.9																																			
Lacking complete plumbing for exclusive use	81	—	5	—	—	15	9	—	8	—	10	—	—	5	29	66.3																																			
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																																																			
Specified owner-occupied housing units																																																			
28 429	323	4 993	5 014	8 556	2 753	107	951	369	467	349	29	598	727	1 424	1 769	47.1																																			
19 883	323	4 927	4 809	5 535	428	94	910	343	286	23	30	580	687	771	1 47	39.8																																			
5 252	6	487	1 407	2 684	153	5	68	65	98	—	—	31	110	113	25	47.4																																			
4 495	3	1 071	1 349	1 351	56	—	168	90	61	—	—	71	95	132	18	40.5																																			
15 to 19 percent	3 641	25	1 278	915	632	102	18	202	70	52	6	102	65	123	21	34.6																																			
20 to 24 percent	2 743	84	1 077	612	355	43	18	162	57	20	—	6	83	89	123	14	34.6																																		
25 to 29 percent	1 424	51	442	248	185	18	20	150	11	13	10	8	68	128	67	5	34.9																																		
30 to 34 percent	2 309	64	559	272	328	56	33	160	50	42	7	—	—	—	—	28.7																																			
35 percent or more	19	—	13	6	—	—	—	—	—	—	—	—	—	—	—	—																																			
Median	20.3	29.0	23.5	18.7	15.3	20.2	31.5	25.5	21.2	18.7	32.7	32.5	30.2	29.1	25.7	28.4	...																																		
Not mortgaged	8 546	—	66	205	3 021	2 325	13	41	26	181	326	9	18	40	653	1 622	65.0																																		
Less than 10 percent	3 427	—	23	125	2 036	1 370	—	12	13	99	32	5	—	—	149	59.4	...																																		
10 to 14 percent	1 955	—	24	69	652	461	3	24	6	26	63	4	—	12	160	64.6	...																																		
15 to 19 percent	1 149	—	12	6	210	461	6	—	7	50	62	—	—	16	112	68.9	...																																		
20 to 24 percent	561	—	5	5	48	237	—	—	—	—	49	—	—	—	42	72.8	...																																		
25 to 29 percent	453	—	—	—	49	125	—	5	—	—	16	—	—	—	57	71.8	...																																		
30 to 34 percent	333	—	7	—	21	67	4	—	—	6	60	—	6	6	49	70.9	...																																		
35 percent or more	648	—	—	—	5	69	—	—	—	—	44	—	—	—	84	74.2	...																																		
Not computed	20	—	12.1	10—	10—	13.4	17.9	11.8	10.0	10—	20.6	10—	31.7	17.5	15.8	23.5	...																																		
Median	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...																																		
Renter-occupied housing units																																																			
PERSONS IN UNIT																																																			
15 239	920	1 812	175	372	747	1 941	2 720	676	729	366	1 849	2 555	538	1 154	2 611	31.2																																			
11 429	226	695	167	282	54	621	1 174	137	92	28	2 115	1 436	224	267	229	26.5																																			
2 164	118	503	233	92	7	345	301	62	39	—	818	571	169	84	42	27.2																																			
731	5	113	89	76	—	11	42	16	13	—	418	184	108	40	4	27.0																																			
6 or more persons	387	—	59	31	26	8	22	9	4	—	161	56	53	22	—	29.2																																			
Median	2.9	3.38	3.61	2.68	2.05	1.75	2.29	1.17	1.10	1.05	1.40	1.45	1.29	1.18	1.05	33.2																																			
64 897	3 044	8 674	2 639	2 498	1 720	9 702	6 713	1 308	1 023	388	11 235	8 383	2 353	2 201	3 046	...																																			
PLUMBING FACILITIES BY PERSONS PER ROOM																																																			
32 747	1 273	3 139	729	848	809	4 521	4 050	827	736	373	5 244	4 704	1 096	1 525	2 833	28.5																																			
Complete plumbing for exclusive use	830	65	160	142	26	7	210	262	85	141	26	245	129	25	47	27.4																																			
Lacking complete plumbing for exclusive use	1 361	6	43	6	—	—	—	—	—	—	—	—	—	—	—	28.2																																			
1.01 or more persons per room	35	—	6	—	—	—	—	—	—	—	—	—	—	—	—	24.2																																			
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																																																			
Specified renter-occupied housing units																																																			
33 956	1 279	3 174	726	823	812	4 787	4 299	900	877	397	5 520	4 818	1 114	1 552	2 878	28.4				</																															

**Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Madison city	Male householder							Female householder						
	Total	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units .....	4 748	1 693	83	669	235	338	368	3 055	28	269	243	860	1 655	
PLUMBING FACILITIES														
Complete plumbing for exclusive use .....	4 703	1 682	83	664	235	332	368	3 021	28	269	243	855	1 626	
Locking complete plumbing for exclusive use .....	45	11	—	5	—	6	—	34	—	—	—	5	29	
UNITS IN STRUCTURE														
1, detached or attached .....	3 860	1 326	49	552	175	258	292	2 534	13	182	158	785	1 396	
2 or more .....	765	308	26	101	55	60	66	457	15	71	70	65	236	
Mobile home or trailer, etc. ....	123	59	8	16	5	20	10	64	—	16	15	10	23	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 .....	777	135	9	28	9	11	78	642	—	19	16	138	469	
\$5,000 to \$9,999 .....	1 062	264	22	36	12	24	170	798	5	19	6	150	618	
\$10,000 to \$12,499 .....	485	129	19	25	29	27	29	356	—	35	31	116	174	
\$12,500 to \$14,999 .....	455	121	11	42	25	20	23	334	—	86	22	123	103	
\$15,000 to \$19,999 .....	841	361	11	218	27	68	37	480	18	82	81	152	147	
\$20,000 to \$24,999 .....	567	366	7	199	87	73	—	201	—	17	47	88	49	
\$25,000 to \$34,999 .....	331	182	4	76	12	71	19	149	5	11	12	53	68	
\$35,000 to \$49,999 .....	143	91	—	37	15	33	6	52	—	—	13	12	27	
\$50,000 or more .....	87	44	—	8	19	11	6	43	—	—	15	28	—	
Median .....	\$12 775	\$17 075	\$11 382	\$19 459	\$20 635	\$21 250	\$7 538	\$10 614	\$16 250	\$14 288	\$18 341	\$13 028	\$7 281	
Mean .....	\$14 721	\$18 482	\$12 284	\$19 656	\$22 694	\$22 939	\$10 962	\$12 637	\$17 231	\$14 181	\$22 136	\$14 997	\$9 688	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units .....	3 611	1 271	49	540	160	236	286	2 340	13	177	135	683	1 332	
With a mortgage .....	1 522	821	45	513	140	111	12	701	8	171	135	318	69	
Less than \$200 .....	55	32	—	—	20	12	—	23	—	—	—	23	—	
\$200 to \$249 .....	119	31	—	20	—	11	—	88	—	22	13	35	18	
\$250 to \$299 .....	135	29	—	24	5	—	—	106	—	12	14	70	10	
\$300 to \$349 .....	309	166	—	100	23	31	12	143	—	20	37	64	22	
\$350 to \$399 .....	215	133	13	69	31	20	—	82	—	—	6	57	19	
\$400 to \$499 .....	339	213	19	132	36	26	—	126	8	44	14	60	—	
\$500 to \$599 .....	248	159	13	115	20	11	—	89	—	45	35	9	—	
\$600 to \$749 .....	76	40	—	35	5	—	—	36	—	23	13	—	—	
\$750 or more .....	26	18	—	18	—	—	—	8	—	5	3	—	—	
Median .....	\$383	\$409	\$425	\$436	\$385	\$354	\$325	\$347	\$425	\$444	\$379	\$324	\$315	
Not mortgaged .....	2 089	450	4	27	20	125	274	1 639	5	6	—	365	1 263	
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$74 .....	7	6	—	—	—	6	—	1	—	—	—	—	1	
\$75 to \$99 .....	68	13	—	—	—	—	13	55	—	—	—	8	47	
\$100 to \$124 .....	206	72	—	—	13	19	40	134	—	6	—	29	99	
\$125 to \$149 .....	401	106	—	5	—	32	69	295	—	—	—	58	237	
\$150 to \$199 .....	897	160	—	14	7	25	114	737	—	—	—	183	554	
\$200 to \$249 .....	339	55	—	—	—	30	25	284	5	—	—	60	219	
\$250 or more .....	171	38	4	8	—	13	13	133	—	—	—	27	106	
Median .....	\$170	\$159	\$250+	\$180	\$119	\$161	\$157	\$173	\$225	\$113	—	\$174	\$172	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979 .....	26.2	24.2	39.1	27.5	21.0	15.7	22.9	27.5	30.9	34.1	26.5	25.3	27.8	
With a mortgage .....	28.0	26.9	37.8	28.0	22.6	22.4	50+	29.6	32.5	34.5	26.5	27.3	39.0	
Not mortgaged .....	23.9	16.6	50+	12.3	12.5	11.0	22.1	26.2	10—	32.5	—	20.3	27.2	
Income in 1979 below poverty level .....	257	47	9	28	—	—	10	210	—	13	8	33	156	
Percent below poverty level .....	5.4	2.8	10.8	4.2	—	—	2.7	6.9	—	4.8	3.3	3.8	9.4	
Renter-occupied housing units .....	15 239	6 482	1 991	2 720	676	729	366	8 757	1 899	2 555	538	1 154	2 611	
PLUMBING FACILITIES														
Complete plumbing for exclusive use .....	14 153	5 749	1 751	2 458	598	602	340	8 404	1 770	2 451	520	1 111	2 552	
Locking complete plumbing for exclusive use .....	1 086	733	240	262	78	127	26	353	129	104	18	43	59	
UNITS IN STRUCTURE														
1, detached or attached .....	598	299	57	126	44	61	11	299	38	71	24	66	100	
2 .....	1 195	462	84	248	34	78	18	733	81	280	54	92	226	
3 and 4 .....	2 315	920	219	440	111	110	40	1 395	240	435	108	262	350	
5 to 9 .....	2 467	1 018	227	529	112	90	60	1 449	330	577	83	202	257	
10 to 49 .....	4 902	2 380	864	1 006	239	209	62	2 522	752	817	139	315	499	
50 or more .....	3 692	1 357	540	346	123	173	175	2 335	458	362	130	211	1 174	
Mobile home or trailer, etc. ....	70	46	—	25	13	8	—	24	—	13	—	6	5	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 .....	5 100	2 133	1 085	623	116	201	108	2 967	1 097	527	85	196	1 062	
\$5,000 to \$9,999 .....	4 285	1 715	534	811	138	94	138	2 570	531	755	122	305	857	
\$10,000 to \$12,499 .....	1 992	785	177	403	75	96	34	1 207	166	541	115	204	181	
\$12,500 to \$14,999 .....	1 314	485	100	249	51	54	31	829	74	373	87	136	159	
\$15,000 to \$19,999 .....	1 386	658	66	387	104	69	32	728	19	275	103	157	174	
\$20,000 to \$24,999 .....	667	419	19	186	109	105	—	248	—	57	5	94	92	
\$25,000 to \$34,999 .....	380	225	10	55	65	78	17	155	7	27	21	44	56	
\$35,000 to \$49,999 .....	67	37	—	6	18	13	—	30	5	—	—	13	12	
\$50,000 or more .....	48	25	—	—	—	19	6	23	—	—	—	5	18	
Median .....	\$7 591	\$7 813	\$4 580	\$9 490	\$12 941	\$11 810	\$7 107	\$7 464	\$4 315	\$9 971	\$11 348	\$10 931	\$6 103	
Mean .....	\$9 148	\$9 652	\$5 692	\$10 181	\$13 670	\$14 615	\$9 948	\$8 775	\$5 267	\$9 644	\$11 328	\$12 078	\$8 488	
GROSS RENT														
Specified renter-occupied housing units .....	15 203	6 473	1 991	2 711	676	729	366	8 730	1 899	2 548	538	1 141	2 604	
Less than \$100 .....	910	222	17	71	30	47	57	688	49	27	11	65	536	
\$100 to \$149 .....	1 557	751	239	307	56	84	65	806	214	211	49	105	227	
\$150 to \$199 .....	3 799	1 856	727	733	195	151	50	1 943	597	676	119	156	395	
\$200 to \$249 .....	4 710	2 027	629	913	187	233	65	2 683	781	1 004	153	398	347	
\$250 to \$299 .....	2 552	1 005	255	474	90	156	30	1 547	190	477	130	255	495	
\$300 to \$349 .....	723	276	70	113	53	19	21	447	37	95	66	75	174	
\$350 to \$399 .....	312	121	5	53	24	14	25	191	22	25	—	49	95	
\$400 to \$499 .....	384	113	17	30	20	11	35	271	9	24	—	13	225	
\$500 or more .....	94	18	—	—	—	—	18	76	—	3	10	—	63	
No cash rent .....	162	84	32	17	21	14	—	78	—	6	—	25	47	
Median .....	\$212	\$208	\$200	\$211	\$213	\$216	\$210	\$215	\$205	\$216	\$224	\$227	\$221	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979 .....	30.6	30.2	50.0	26.9	19.5	20.2	32.1	30.9	50+	27.4	26.7	25.2	32.5	
Income in 1979 below poverty level .....	3 358	1 545	848	457	91	133	16	1 813	889	389	61	128	346	
Percent below poverty level .....	22.0	23.8	42.6	16.8	13.5	18.2	4.4	20.7	46.8	15.2	11.3	11.1	13.3	

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Madison city					Madison city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for sale only housing units</b> .....	<b>449</b>	<b>167</b>	<b>134</b>	<b>148</b>	<b>Vacant for rent housing units</b> .....	<b>1 384</b>	<b>901</b>	<b>398</b>	<b>85</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	42	—	—	42	1 room .....	219	147	54	18
4 rooms .....	78	26	41	11	2 rooms .....	107	65	42	—
5 rooms .....	143	77	12	54	3 rooms .....	312	196	93	23
6 rooms .....	104	42	48	14	4 rooms .....	466	284	143	39
7 rooms .....	40	22	16	2	5 rooms .....	211	154	57	—
8 or more rooms .....	42	—	17	25	6 rooms .....	66	52	9	5
Median .....	5.2	5.2	5.8	4.9	7 or more rooms .....	3	3	—	—
					Median .....	3.6	3.6	3.6	3.5
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use .....	413	167	119	127	Complete plumbing for exclusive use .....	1 306	842	383	81
Lacking complete plumbing for exclusive use .....	36	—	15	21	Lacking complete plumbing for exclusive use .....	78	59	15	4
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None .....	—	—	—	—	None .....	256	155	83	18
1 .....	42	—	—	42	1 .....	457	331	106	20
2 .....	167	43	59	65	2 .....	505	286	172	47
3 .....	188	114	58	16	3 .....	150	113	37	—
4 .....	47	10	12	25	4 .....	14	14	—	—
5 or more .....	5	—	5	—	5 or more .....	2	2	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 .....	162	89	46	27	1975 to March 1980 .....	399	343	35	21
1970 to 1974 .....	44	—	33	11	1970 to 1974 .....	157	84	50	23
1960 to 1969 .....	67	17	9	41	1960 to 1969 .....	309	211	78	20
1950 to 1959 .....	37	27	5	5	1950 to 1959 .....	83	60	17	6
1940 to 1949 .....	31	6	19	6	1940 to 1949 .....	207	56	136	15
1939 or earlier .....	108	28	22	58	1939 or earlier .....	229	147	82	—
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached .....	299	132	104	63	1, detached or attached .....	125	83	24	18
2 or more .....	139	35	30	74	2 .....	116	84	26	6
Mobile home or trailer .....	11	—	—	11	3 and 4 .....	160	85	62	13
<b>HEATING EQUIPMENT</b>					5 to 9 .....	339	185	147	7
Central heating system .....	449	167	134	148	10 to 49 .....	503	386	85	32
Other means .....	—	—	—	—	50 or more .....	141	78	54	9
None .....	—	—	—	—	Mobile home or trailer .....	—	—	—	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
<b>Specified vacant for sale only housing units</b> .....	<b>272</b>	<b>127</b>	<b>82</b>	<b>63</b>	<b>Specified vacant for rent housing units</b> .....	<b>1 384</b>	<b>901</b>	<b>398</b>	<b>85</b>
Less than \$10,000 .....	—	—	—	—	Less than \$100 .....	80	19	57	4
\$10,000 to \$19,999 .....	—	—	—	—	\$100 to \$149 .....	142	51	90	1
\$20,000 to \$29,999 .....	21	—	—	21	\$150 to \$199 .....	248	148	74	26
\$30,000 to \$39,999 .....	20	9	8	3	\$200 to \$249 .....	355	266	75	14
\$40,000 to \$49,999 .....	20	15	5	—	\$250 to \$299 .....	302	237	44	21
\$50,000 to \$59,999 .....	18	8	10	—	\$300 to \$399 .....	191	129	50	12
\$60,000 to \$79,999 .....	152	88	48	16	\$400 or more .....	66	51	8	7
\$80,000 to \$99,999 .....	21	7	3	11	Median .....	\$226	\$241	\$192	\$241
\$100,000 or more .....	20	—	—	12					
Median .....	\$67 400	\$67 500	\$67 500	\$67 000					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Madison city</b>															
<b>Total</b> .....	<b>272</b>	<b>—</b>	<b>21</b>	<b>40</b>	<b>191</b>	<b>20</b>	<b>67 400</b>		<b>1 384</b>	<b>80</b>	<b>390</b>	<b>657</b>	<b>191</b>	<b>66</b>	<b>226</b>
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use .....	251	—	—	40	191	20	68 000		1 306	61	352	636	191	66	232
Lacking complete plumbing for exclusive use .....	21	—	21	—	—	—	26 300		78	19	38	21	—	—	150
<b>BEDROOMS</b>															
None .....	—	—	—	—	—	—	—		256	19	158	51	28	—	188
1 .....	24	—	21	3	—	—	26 400		457	10	106	315	10	16	221
2 .....	19	—	—	11	8	—	47 500		505	51	111	253	60	30	244
3 .....	177	—	—	21	154	2	67 800		150	—	15	38	85	12	324
4 .....	47	—	—	—	29	18	95 000		14	—	—	—	6	8	500+
5 or more .....	5	—	—	5	—	—	47 500		2	—	—	—	2	—	325
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980 .....	135	—	—	3	118	14	68 900		399	12	43	190	102	52	280
1970 to 1974 .....	22	—	—	—	22	—	67 300		157	6	53	73	25	—	240
1960 to 1969 .....	23	—	—	—	17	6	73 800		309	—	74	213	22	—	221
1950 to 1959 .....	22	—	—	17	5	—	48 200		83	5	34	44	—	—	216
1940 to 1949 .....	19	—	—	14	5	—	37 200		207	42	90	50	25	—	152
1939 or earlier .....	51	—	21	6	24	—	37 500		229	15	96	87	17	14	202
<b>UNITS IN STRUCTURE</b>															
1, detached or attached .....	272	—	21	40	191	20	67 400		125	—	23	41	27	34	297
2 or more .....	—	—	—	—	—	—	—		1 259	80	367	616	164	32	221
Mobile home or trailer .....	—	—	—	—	—	—	—		—	—	—	—	—	—	—

# Appendix A.—Area Classifications

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## REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

## STATES

The 50 States and the District of Columbia are the constituent units of the United States.

## PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

## STANDARD METROPOLITAN STATISTICAL AREAS

### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

**New SMSA Standards**

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

**BOUNDARY CHANGES**

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

**AREA MEASUREMENT**

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

## **FINANCIAL CHARACTERISTICS**

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

### **Gross Rent as a Percentage of Household Income in 1979**

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

### **Comparability With 1970 Census Income Data**

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years**

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7 8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024



## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

## DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

## PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

## Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group		<i>Persons in Housing Units With a Family With Own Children Under 18</i>	
1		2	persons in housing unit
2		3	persons in housing unit
3		4	persons in housing unit
4		5	to 7 persons in housing unit
5		8	or more persons in housing unit
		<i>Persons in Housing Units With a Family Without Own Children Under 18</i>	
6-10		2	persons in housing unit through 8 or more persons in housing unit
		<i>Persons in All Other Housing Units</i>	
11		1	person in housing unit
12-16		2	persons in housing unit through 8 or more persons in housing unit
17		<i>Persons in group quarters</i>	

Stage II—Householder/  
Nonhouseholder

## Group

- |   |  |
|---|--|
| 1 | Householder  |
| 2 | Nonhouseholder (including persons in group quarters) |

Stage III—Age/Sex/Race/Spanish  
Origin

## Group White Race

Persons of Spanish Origin  
Male

- |   |                          |
|---|--------------------------|
| 1 | 0 to 4 years of age      |
| 2 | 5 to 14 years of age     |
| 3 | 15 to 19 years of age    |
| 4 | 20 to 24 years of age    |
| 5 | 25 to 34 years of age    |
| 6 | 35 to 44 years of age    |
| 7 | 45 to 64 years of age    |
| 8 | 65 years of age or older |

## Female

- |      |                                      |
|------|--------------------------------------|
| 9-16 | Same age categories as groups 1 to 8 |
|------|--------------------------------------|

Persons Not of Spanish Origin  
Same age and sex categories as groups 1 to 16

17-32

## Black Race

- |       |  |
|-------|--|
| 33-64 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

## Asian, Pacific Islander Race

- |       |  |
|-------|--|
| 65-96 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

American Indian, Eskimo, or  
Aleut Race

- |        |  |
|--------|--|
| 97-128 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|--------|--|

Other Race (includes those races  
not listed above)

- |         |  |
|---------|--|
| 129-160 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|---------|--|

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

## Stage I—Type of Household

Group Housing Units With a Family  
With Own Children Under 18

- |   |                                   |
|---|-----------------------------------|
| 1 | 2 persons in housing unit         |
| 2 | 3 persons in housing unit         |
| 3 | 4 persons in housing unit         |
| 4 | 5 to 7 persons in housing unit    |
| 5 | 8 or more persons in housing unit |

Housing Units With a Family  
Without Own Children Under 18

- |      |   |
|------|---|
| 6-10 | 2 persons in housing unit through 8 or more persons in housing unit |
|------|---|

## All Other Housing Units

- |       |   |
|-------|---|
| 11    | 1 person in housing unit  |
| 12-16 | 2 persons in housing unit through 8 or more persons in housing unit |

Stage II—Tenure/Race and Origin  
of Householder/Value or Rent

## Group Owner

## White Race (householder)

Persons of Spanish Origin  
(householder)

## Value of House

- |   |                        |
|---|------------------------|
| 1 | \$0 to \$9,999         |
| 2 | \$10,000 to \$19,999   |
| 3 | \$20,000 to \$24,999   |
| 4 | \$25,000 to \$49,999   |
| 5 | \$50,000 to \$99,999   |
| 6 | \$100,000 to \$149,999 |
| 7 | \$150,000+             |
| 8 | Other Owners           |

Persons Not of Spanish  
Origin

9-16	Same value categories as groups 1 to 8	<i>Other Race (includes those races not listed above)</i>
	<i>Black Race</i>	169-190 Same rent—Spanish origin categories as groups 81 to 102
17-32	Same value—Spanish origin categories as groups 1 to 16	
	<i>Asian, Pacific Islander Race</i>	<b>VACANT HOUSING UNITS</b>
33-48	Same value—Spanish origin categories as groups 1 to 16	<i>Group</i>
	<i>American Indian, Eskimo, or Aleut Race</i>	1 <i>Vacant for Rent</i>
49-64	Same value—Spanish origin categories as groups 1 to 16	2 <i>Vacant for Sale</i>
	<i>Other Race (includes those races not listed above)</i>	3 <i>Other Vacant</i>
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin</i>	
	<i>Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

### CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

**EDITING OF UNACCEPTABLE DATA**

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

**ALLOCATION TABLES**

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <sup>1/</sup>												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. **Standard Error Adjustment Factors**

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.5
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.8	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

	Housing units	
	100-percent count	Percent in sample
<b>The SMSA</b> <b>Places of 50,000 or More and</b> <b>Central Cities of SMSA's</b>		
The SMSA -----	126 275	21.3
<b>PLACES OF 50,000 OR MORE AND CENTRAL</b> <b>CITIES OF SMSA's</b>		
Madison city -----	68 996	16.0



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reversa cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

#### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

##### 11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

##### *For persons born outside the United States:*

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
  - (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
  - (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
  - (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
  - (4) The circle **Not at all** should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

**Part (1)** If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

**Part (2)** If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

**Part (3)** If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

**Part (4)** Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.
- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.



Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<b>START</b> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee			
<b>3. Sex</b> Fill one circle.	<input type="radio"/> Male <input checked="" type="radio"/> Female	<input type="radio"/> Male <input checked="" type="radio"/> Female			
<b>4. Is this person —</b>  Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="checkbox"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="checkbox"/> Indian (Amer.) Print tribe →			
<b>5. Age, and month and year of birth</b>  a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday: 1 8 0 0 b. Month of birth: 1 2 3 4 5 6 7 8 9 <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	a. Age at last birthday: 1 8 0 0 b. Month of birth: 1 2 3 4 5 6 7 8 9 <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.			
<b>6. Marital status</b>  Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced			
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic			
<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related			
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10			
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)			
CENSUS USE ONLY		CENSUS USE ONLY			

NOW PLEASE ANSWER QUESTIONS H1—H12  
FOR YOUR HOUSEHOLD

**PERSON in column 7**

Last name \_\_\_\_\_ First name \_\_\_\_\_ Middle initial \_\_\_\_\_

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother  
☐ Son/daughter ☐ Other relative  
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative  
☐ Partner, roommate  
☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian  
☐ Black or Negro ☐ Hawaiian  
☐ Japanese ☐ Guamanian  
☐ Chinese ☐ Samoan  
☐ Filipino ☐ Eskimo  
☐ Korean ☐ Aleut  
☐ Vietnamese ☐ Other — Specify \_\_\_\_\_  
☐ Indian (Amer.)

Print tribe → \_\_\_\_\_

a. Age at last birthday \_\_\_\_\_ c. Year of birth \_\_\_\_\_

b. Month of birth \_\_\_\_\_

☐ Jan.—Mar. ☐ Apr.—June  
☐ July—Sept. ☐ Oct.—Dec.

☐ Now married ☐ Separated  
☐ Widowed ☐ Never married  
☐ Divorced

☐ No (not Spanish/Hispanic)  
☐ Yes, Mexican, Mexican-Amer., Chicano  
☐ Yes, Puerto Rican  
☐ Yes, Cuban  
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1  
☐ Yes, public school, public college  
☐ Yes, private, church-related  
☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)  
☐ Finished this grade (or year)  
☐ Did not finish this grade (or year)

CENSUS USE ONLY A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

**H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?**

☐ Yes — On page 20 give name(s) and reason left out.  
☐ No

**H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?**

☐ Yes — On page 20 give name(s) and reason person is away.  
☐ No

**H3. Is anyone visiting here who is not already listed?**

☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
☐ No

**H4. How many living quarters, occupied and vacant, are at this address?**

☐ One  
☐ 2 apartments or living quarters  
☐ 3 apartments or living quarters  
☐ 4 apartments or living quarters  
☐ 5 apartments or living quarters  
☐ 6 apartments or living quarters  
☐ 7 apartments or living quarters  
☐ 8 apartments or living quarters  
☐ 9 apartments or living quarters  
☐ 10 or more apartments or living quarters  
☐ This is a mobile home or trailer

**H5. Do you enter your living quarters —**

☐ Directly from the outside or through a common or public hall?  
☐ Through someone else's living quarters?

**H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?**

☐ Yes, for this household only  
☐ Yes, but also used by another household  
☐ No, have some but not all plumbing facilities  
☐ No plumbing facilities in living quarters

**H7. How many rooms do you have in your living quarters?**  
*Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.*

☐ 1 room ☐ 4 rooms ☐ 7 rooms  
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms  
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

**H8. Are your living quarters —**

☐ Owned or being bought by you or by someone else in this household?  
☐ Rented for cash rent?  
☐ Occupied without payment of cash rent?

**H9. Is this apartment (house) part of a condominium?**

☐ No  
☐ Yes, a condominium

**H10. If this is a one-family house —**

a. Is the house on a property of 10 or more acres?  
☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?  
☐ Yes ☐ No

**H11. If you live in a one-family house or a condominium unit which you own or are buying —**

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

☐ A mobile home or trailer  
☐ A house on 10 or more acres  
☐ A house with a commercial establishment or medical office on the property

☐ Less than \$10,000 ☐ \$50,000 to \$54,999  
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999  
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999  
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999  
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999  
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999  
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999  
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999  
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999  
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999  
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999  
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

**H12. If you pay rent for your living quarters —**

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

☐ Less than \$50 ☐ \$160 to \$169  
☐ \$50 to \$59 ☐ \$170 to \$179  
☐ \$60 to \$69 ☐ \$180 to \$189  
☐ \$70 to \$79 ☐ \$190 to \$199  
☐ \$80 to \$89 ☐ \$200 to \$224  
☐ \$90 to \$99 ☐ \$225 to \$249  
☐ \$100 to \$109 ☐ \$250 to \$274  
☐ \$110 to \$119 ☐ \$275 to \$299  
☐ \$120 to \$129 ☐ \$300 to \$349  
☐ \$130 to \$139 ☐ \$350 to \$399  
☐ \$140 to \$149 ☐ \$400 to \$499  
☐ \$150 to \$159 ☐ \$500 or more

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**A4. Block number** **A6. Serial number** **B. Type of unit or quarters**

**Occupied**

☐ First form  
☐ Continuation

**Vacant**

☐ Regular  
☐ Usual home elsewhere

**Group quarters**

☐ First form  
☐ Continuation

**For vacant units**

**C1. Is this unit for —**

☐ Yearround use  
☐ Seasonal/Mig. — Skip C2, C3, and D.

**C2. Vacancy status**

☐ For rent  
☐ For sale only  
☐ Rented or sold, not occupied  
☐ Held for occasional use  
☐ Other vacant

**C3. Is this unit boarded up?**

☐ Yes ☐ No

**D. Months vacant**

☐ Less than 1 month  
☐ 1 up to 2 months  
☐ 2 up to 6 months  
☐ 6 up to 12 months  
☐ 1 year up to 2 years  
☐ 2 or more years

**E. Indicators**

1. ☐ Mail return  
2. ☐ Pop./F

**F. Total persons**

1 2 3 4 5 6 7 8 9 10 11 12

<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21 a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b> <b>H22a.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>b. Gas</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	<b>H22c.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>c. Water</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H22d.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul> <b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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	<b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>									
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	<b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>									
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FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ \_\_\_\_\_ 00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ \_\_\_\_\_ 00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender? Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ \_\_\_\_\_ 00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

1	2	4	2	4	3	2	4
S.S.	1	1	1	1	S.S.	1	1
Yes	3	3	3	3	Yes	3	3
No	7	7	7	7	No	7	7

4	2	4	5	2	4	6	2	4
S.S.	1	1	S.S.	1	1	S.S.	1	1
Yes	3	3	Yes	3	3	Yes	3	3
No	7	7	No	7	7	No	7	7

7	2	4	GQ	H30	H31	H32c
S.S.	1	1	1	1	1	1
Yes	3	3	3	3	3	3
No	7	7	7	7	7	7

Page 6

ANSWER THESE QUESTIONS FOR

Name of Person 1 on page 2:

Last nameFirst nameMiddle initial

11. In what State or foreign country was this person born?

Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.

Name of State or foreign country; or Puerto Rico, Guam, etc.

12. If this person was born in a foreign country —

a. Is this person a naturalized citizen of the United States?

Yes, a naturalized citizen  
No, not a citizen  
Born abroad of American parents

b. When did this person come to the United States to stay?

1975 to 19801965 to 19691950 to 1959  
1970 to 19741960 to 1964Before 1950

13a. Does this person speak a language other than English at home?

YesNo, only speaks English — Skip to 14

b. What is this language?

(For example — Chinese, Italian, Spanish, etc.)

c. How well does this person speak English?

Very wellNot well  
WellNot at all

14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.

(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)

15a. Did this person live in this house five years ago (April 1, 1975)?

If in college or Armed Forces in April 1975, report place of residence there.

Born April 1975 or later — Turn to next page for next person  
Yes, this house — Skip to 16  
No, different house

b. Where did this person live five years ago (April 1, 1975)?

(1) State, foreign country, Puerto Rico, Guam, etc.:

(2) County:

(3) City, town, village, etc.:

(4) Inside the incorporated (legal) limits of that city, town, village, etc.?

YesNo, in unincorporated area

16. When was this person born?

Born before April 1965 — Please go on with questions 17-33  
Born April 1965 or later — Turn to next page for next person

17. In April 1975 (five years ago) was this person —

a. On active duty in the Armed Forces?

YesNo

b. Attending college?

YesNo

c. Working at a job or business?

Yes, full timeYes, part timeNo

18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?

If service was in National Guard or Reserves only, see instruction guide.

YesNo — Skip to 19

b. Was active-duty military service during — Fill a circle for each period in which this person served.

May 1975 or later  
Vietnam era (August 1964–April 1975)  
February 1955–July 1964  
Korean conflict (June 1950–January 1955)  
World War II (September 1940–July 1947)  
World War I (April 1917–November 1918)  
Any other time

19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .

a. Limits the kind or amount of work this person can do at a job? . . . . .

b. Prevents this person from working at a job? . . . . .

c. Limits or prevents this person from using public transportation? . . . . .

YesNo

20. If this person is a female —

How many babies has she ever had, not counting stillbirths? . . . . .

Do not count her stepchildren or children she has adopted. . . . .

None123456  
789101112 or more

21. If this person has ever been married —

a. Has this person been married more than once?

OnceMore than once

b. Month and year of marriage? . . . . .

Month and year of first marriage? . . . . .

(Month)(Year)(Month)(Year)

c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?

YesNo

22a. Did this person work at any time last week?

Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)  
No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.

Skip to 25

b. How many hours did this person work last week (at all jobs)?

Subtract any time off; add overtime or extra hours worked.

Hours

23. At what location did this person work last week?

If this person worked at more than one location, print where he or she worked most last week.

If one location cannot be specified, see instruction guide.

a. Address (Number and street) . . . . .

If street address is not known, enter the building name, shopping center, or other physical location description.

b. Name of city, town, village, borough, etc. . . . .

c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?

YesNo, in unincorporated area

d. County . . . . .

e. State . . . . . f. ZIP Code . . . . .

24a. Last week, how long did it usually take this person to get from home to work (one way)?

Minutes

b. How did this person usually get to work last week?

If this person used more than one method, give the one usually used for most of the distance.

CarTaxicab  
TruckMotorcycle  
VanBicycle  
Bus or streetcarWalked only  
RailroadWorked at home  
Subway or elevatedOther — Specify

If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.

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Per. No.	11.	13b.	14.	15b.	23.	VL	24a.
1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0
2	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
3	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2
4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3
5	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4
6	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5
7	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6
8	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7
9	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8
0	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9

E-12

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i>      <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2      <input type="radio"/> 4      <input type="radio"/> 6</p> <p><input type="radio"/> 3      <input type="radio"/> 5      <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p>	<p>CENSUS USE</p> <p>21b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>1 <input type="radio"/> <input type="radio"/></p> <p>2 <input type="radio"/> <input type="radio"/></p> <p>3 <input type="radio"/> <input type="radio"/></p> <p>4 <input type="radio"/> <input type="radio"/></p> <p>5 <input type="radio"/> <input type="radio"/></p> <p>6 <input type="radio"/> <input type="radio"/></p> <p>7 <input type="radio"/> <input type="radio"/></p> <p>8 <input type="radio"/> <input type="radio"/></p> <p>9 <input type="radio"/> <input type="radio"/></p> <p>22b.</p> <p><input type="radio"/> <input type="radio"/></p> <p>1 <input type="radio"/> <input type="radio"/></p> <p>2 <input type="radio"/> <input type="radio"/></p> <p>3 <input type="radio"/> <input type="radio"/></p> <p>4 <input type="radio"/> <input type="radio"/></p> <p>5 <input type="radio"/> <input type="radio"/></p> <p>6 <input type="radio"/> <input type="radio"/></p> <p>7 <input type="radio"/> <input type="radio"/></p> <p>8 <input type="radio"/> <input type="radio"/></p> <p>9 <input type="radio"/> <input type="radio"/></p> <p>28.</p> <p>A <input type="radio"/> <input type="radio"/></p> <p>B <input type="radio"/> <input type="radio"/></p> <p>C <input type="radio"/> <input type="radio"/></p> <p>D <input type="radio"/> <input type="radio"/></p> <p>E <input type="radio"/> <input type="radio"/></p> <p>F <input type="radio"/> <input type="radio"/></p> <p>G <input type="radio"/> <input type="radio"/></p> <p>H <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/></p> <p>J <input type="radio"/> <input type="radio"/></p> <p>K <input type="radio"/> <input type="radio"/></p> <p>L <input type="radio"/> <input type="radio"/></p> <p>M <input type="radio"/> <input type="radio"/></p> <p>AF <input type="radio"/> <input type="radio"/></p> <p>NW <input type="radio"/> <input type="radio"/></p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes      <input type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report <u>net</u> income after business expenses.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>c. Own farm. . . Report <u>net</u> income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . . Exclude lump-sum payments such as money from an inheritance or the sale of a home.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses.</p> <p>\$ .00</p> <p><i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>32a. 32b.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>A A</p> <p>32c. 32d.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>A A</p> <p>32e. 33.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>A A</p>
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➔ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

GENERAL. . . . . F-1

PUBLICATIONS. . . . . F-1

Population and Housing Census Reports . . . . . F-1

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PHC80-2, Census Tracts . . . F-2

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas . . . F-2

PHC80-4, Congressional Districts of the 98th Congress . . . . . F-2

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics. . . . . F-2

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics. . . F-2

Population Census Reports . . . F-2

PC80-1, Volume 1, Characteristics of the Population . . F-2

PC80-1-A, Chapter A, Number of Inhabitants . . . . . F-2

PC80-1-B, Chapter B, General Population Characteristics. . . F-2

PC80-1-C, Chapter C, General Social and Economic Characteristics. . . . . F-3

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STF 3 Microfiche . . . . . F-5

P.L. 94-171 Counts Microfiche. . F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

## Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

### COMPUTER TAPES

#### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

**Other Computer Tape Files**

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

**Master Area Reference Files 1 and 2 (MARF)**

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

**MAPS**

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

**MICROFICHE**

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

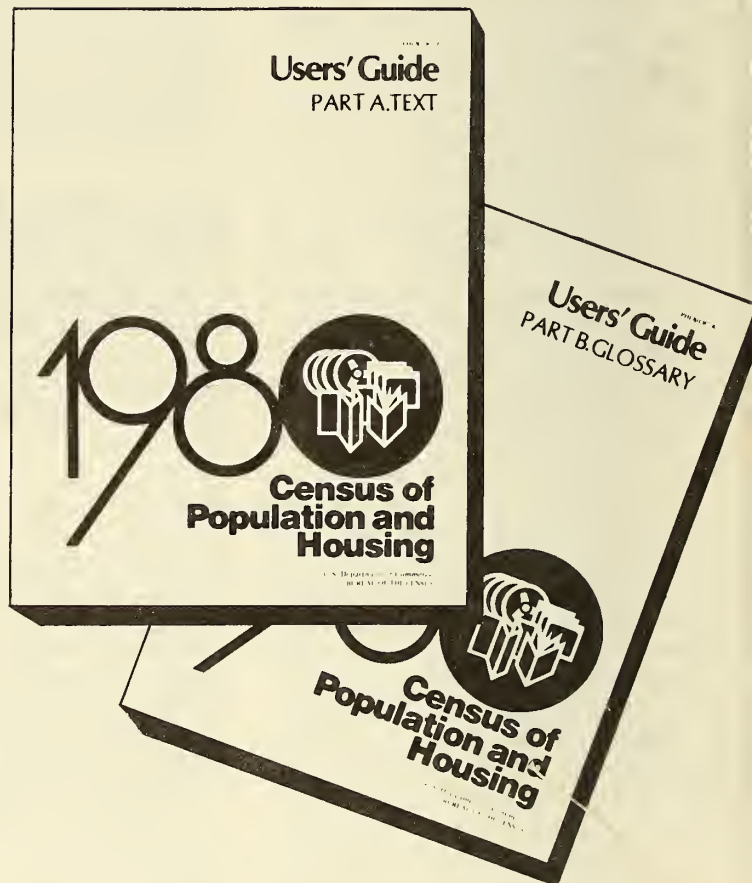
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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